ATALA WHISTLE CARRARO

E BIKE

2016

COLLECTION

BOSCH YAMAHA SHIMANO ECOLOGIC

ATALA E BIKES

This is real

ABOUT US

Atala
Whistle
carraro

Realizzare con passione e profonda esperienza prodotti di alta qualità, affidabili e di design italiano.

ATALA, WHISTLE, CARRARO: tre brand, tre storie, un obiettivo comune

Con sede a Monza, dal 2008 il gruppo Atala, oltre ad un'ampia gamma di modelli di mtb, city bike, trekking ed mtb, si è dedicato a studi approfonditi nel mondo delle EBIKE.
Da fenomeno avanguardista a fenomeno di massa, l'elettrico ha preso piede e nessuno può fermare il suo corso. L'elettrico è il futuro. In città per andare al lavoro e nel tempo libero per divertirsi, la bicicletta elettrica ha dimostrato di essere uno dei mezzi di trasporto più agili, veloci, comodi e intelligenti oggi a nostra disposizione, senza dimenticare inoltre, gli effetti positivi sulla salute, l'ambiente e la società.
Lo sviluppo tecnologico e le performance delle nuove generazioni di motori abbinate ad un'attenta e selettiva scelta dei componenti hanno permesso che l'ebike sia in grado di soddisfare tutte le esigenze, diventando "una vera macchina da offroad": il tuo desiderio di raggiungere in bici traguardi che prima sembravano inavvicinabili e la passione di praticare attività in fuoristrada, oggi è diventato realtà. Le tue passioni ed ambizioni di praticare percorsi anche impegnativi oggi possono essere realizzati grazie alle nostre ebike.

Il trucco del nostro successo? Crediamo fortemente che la forza di Atala siano innanzitutto i suoi dipendenti che ogni giorno danno il massimo per migliorare i prodotti con passione e competenza.
Non meno importante è la stretta collaborazione con clienti, partner commerciali e rivenditori; una capillare rete vendita italiana ed estera, un ufficio di assistenza diretta sempre disponibile ed un reparto di ricerca e sviluppo completamente dedicato. Vogliamo offrire prodotti innovativi e servizi che rispondano alle esigenze del mercato e all'altezza di ogni aspettativa.

We realize, with passion and accrued experience, high quality bicycles of Italian design.

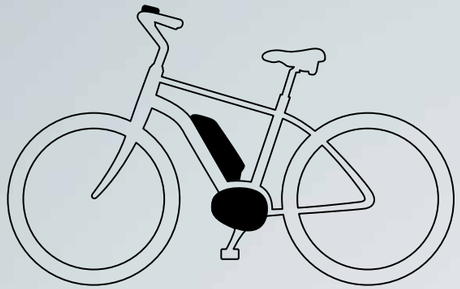
ATALA, WHISTLE, CARRARO: three brands, three stories, one goal

Based on Monza, since 2008 Atala S.p.A. has been involved in the EBIKE WORLD adding new products to its wide range of bicycles (MTB, City and Trekking Bikes).

The ebike movement has grown From an avant-garde phenomenon to a massive one that has focused the attention of everyones. Now none can stop it because Electrification is the future. A commuting bycicle to reach your work place or for leisure, the ebike has become one of the most comfortable, nimble, intelligent and faster means of transport.The ebike is an alternative to cars, by creating also positive effects on health, environment and society. An offroad use of the ebike satisfy all riders needs, becoming "a true off-road machine", thanks to a technological development, a new generation of engines and selective choice of the components in our bicycles.
The ebike satisfys all your desires: reaching places that before were unreacheable, "climb" high hills or enjoy hard track with less effort as never before. The ebike makes you happy!

The secret of our success? We strongly believe that the strength of Atala is first of all on the employees who, day by day do their best to improve the products with passion and high skills. No less important is the close collaboration with our suppliers, dealers and customers. The technical and sales network now widespread over the Italian boundaries, the dedicated assistance department completely dedicated to ebike.
We want to show to our customers that we can e satisfy all their expectations.
Our innovative products and high quality services allow us to answer to all market needs.

ABOUT OUR EBIKES



EBIKE

AZIONE *ACTION*

1 PEDALATA ASSISTITA
Pedaling Assistance

REAZIONE *REACTION*

2 + VELOCITÀ
+ Speed
+ DISTANZA
+ Distance
- FATICA
- Efforts

RISULTATO *RESULT*

3 DIVERTIMENTO
Fun
BENESSERE
Health
RISPARMIO
Cost Saving

LA SCELTA MIGLIORE

Montare in sella ad un'Atala eBike crea emozioni e conseguenze senza precedenti, divertendoti, con poca fatica, per arrivare ovunque.
Atala, Whistle, Carraro. Kit elettrici Bosch, Yamaha, Shimano ed Eco Logic per scegliere l'eBike che meglio si adatta alle tue esigenze.

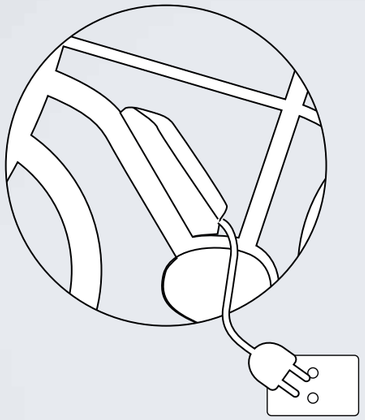
THE BEST CHOICE

Riding an Atala eBike creates emotions and outstanding reactions:let you getting anywhere, with little efforts and graet fun.
Atala, Whistle, Carraro. Electrical System such as Bosch, Yamaha, Shimano and Eco Logic to choose the eBike that suits your best.

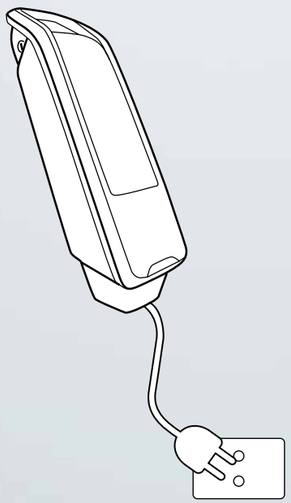
ABOUT OUR EBIKES

AZIONE
ACTION

Opzione di ricarica 1
Charge option 1



Opzione di ricarica 2
Charge option 2



CHE COS'E' UNA EBIKE E COME FUNZIONA
L'Ebike (o bicicletta a pedalata assistita) è, prima di tutto, una bici. E' dotata di motore, batteria, display e controllo remoto; non è un motorino, non necessita di assicurazione, né di patente, né di casco (ma è sempre consigliato). È a tutti gli effetti un velocipede.
L'ebike assiste la pedalata del ciclista, non sostituisce la stessa e per l'articolo 50 del codice della strada tale assistenza è a norma di legge sino ai 25 km/h, con una potenza nominale continua del motore non superiore a 250 W.

Come si ricarica la batteria?
Semplice: o collegando il rispettivo caricabatteria ad una comune presa di corrente elettrica o rimuovendo la batteria con l'apposita chiave e servirsi poi del caricabatteria.

Quanto dura la batteria?
La durata media di una batteria è di circa 500 cicli completi, ovvero può scaricarsi e ricaricarsi totalmente per 500 volte e non avendo effetto memoria, possono essere effettuate anche ricariche parziali.

CONSIGLI PER USO E MANUTENZIONE
Si consiglia la conservazione della batteria in un luogo fresco ed asciutto ad una temperatura di circa 20°C, seguendo le indicazioni del produttore sia se si prevede un lungo periodo di inutilizzo, sia in caso di temperature eccessivamente alte o basse, per ottimizzare la durata ed il funzionamento delle celle.

WHAT DOES EBIKE MEAN?HOW IT WORKS?
First of all, an ebike (or pedelec) is a bicycle.
It has an engine, a battery, a display and a remote control. It is not a motorbike, it does not required an insurance, nor a licence or a helmet (recommended)

The ebike assists the pedaling of the rider, it does not replace it; this assistance is restricted to 25 km/h, respecting the Article 50 of the Rule of the Road, with a max power output of 250 Watt.

How do you charge the battery?
It is very simple: by connecting the respective charger to a common electric plug or by removing the battery with its key and then using the charger.

How long does it last?
The average life of a battery is approximately 500 full cycles which means that a battery can be discharged and recharged totally for 500 times and having no memory effect, the recharge can be made partially.

SUGGESTIONS FOR A PROPER USE AND MAINTENANCE
To maximize the life of the cells, we recommend storing the battery in a cool and dry place at a temperature of about 20°C, following the manufacturer's instructions, especially if you plan to have a long period of disuse or if the temperature is too high or low.

Quanta strada posso fare con una ricarica?
L'autonomia varia a seconda di molteplici fattori: tipologia di terreno e sua pendenza, manutenzione della bici (gomme alla pressione prescritta etc), livello di assistenza, stato di salute della batteria, tipo di prodotto. I valori indicati a catalogo sono i massimi raggiungibili per ogni bici su un percorso pianeggiante, senza ripartenze, con un ciclista dal peso di 75 kg.

REAZIONE
REACTION

Quanto veloce posso andare?
L'ebike assiste il ciclista sino a 25 km/h, ma la pedalata e lo sforzo possono essere modulati grazie ai livelli di assistenza indicati nel display.

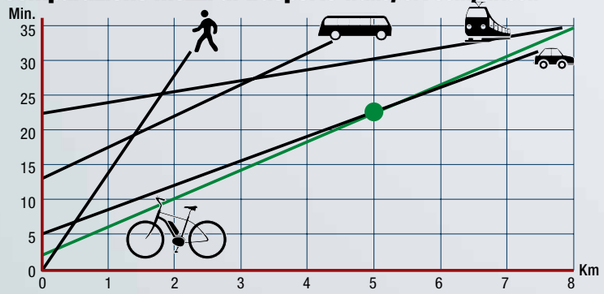
E se volessi andare più veloce?
Esiste una categoria di ebike chiamata SPEED PEDELEC, con limite di velocità a 45 km/h. Questi prodotti possono essere catalogati quasi come ciclomotori, secondo la normativa europea unificata, da gennaio 2016; necessitano quindi di omologazione, libretto di circolazione, assicurazione, bollo, patente, casco etc.

How far can I go with a full battery?
The life of the battery depends on many factors: type of the track and its slope, maintenance of your ebike (right tires pressure, etc.), level of pedaling assistance selected, health status of the battery, type of the product. The values specified in our catalog are the best using every ebike in an ideally situation (flat course, no restart, rider weight of 75 kg etc…).

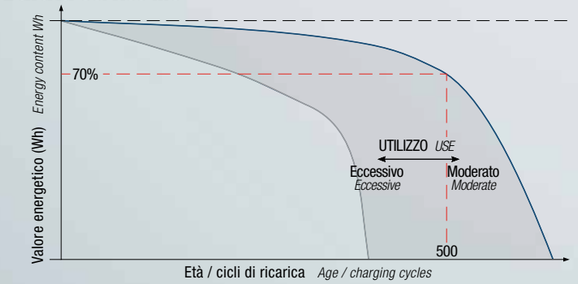
How fast can I go?
The ebike assists the rider up to 25 km/h, but pedaling and effort can be modulated thanks to the support levels indicated on the display.

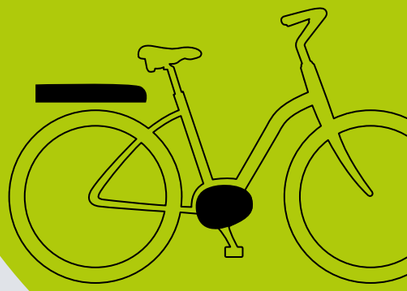
And if I want to go faster?
There is a category called SPEED PEDELEC ebike, with a speed limit of 45 km/h. These products can be cataloged almost as scooter, according to European unified law effective from January 2016; they require vehicle registration, insurance, road tax, driving license, helmet.

Comparazione mezzi di trasporto ***Transport comparison***



Durata ***Service life***





RISULTATO
RESULT

BENEFICI
Perché scegliere di usare l'ebike? Fa bene alla salute, non costa nulla, è divertente, libera la città e le campagne da auto e inquinamento.

L'ebike è un efficace mezzo di trasporto alternativo, in particolare rispetto ad auto e ciclomotore e la sua diffusione è auspicabile per una mobilità economicamente ed ambientalmente sostenibile.

L'eBike non emette gas di scarico, si parcheggia ovunque, emette un rumore difficilmente udibile e comunque non fastidioso, ma permette di risparmiare energia, ossigeno, spazio e tempo.

L'eBike permette di raggiungere mete lontane con poca fatica e tanto divertimento!

Il tempo è denaro
Nei brevi spostamenti, fino a 15 km, che rappresentano l'80% degli spostamenti urbani, la bicicletta è il mezzo più efficiente rispetto anche a tutte le alternative (mezzi pubblici inclusi), sia in termini di tempo che di denaro.

Risparmio economico
Il costo chilometrico di un'automobile si attesta tra i 15 e i 30 centesimi di euro, inclusi tutti i parametri (combustibile, manutenzione, assicurazione, etc), mentre quello di una eBike è di 0,40 centesimi al km, circa 60 volte in meno.

BENEFITS
Why choosing an ebike? It's healthy, free of charge and enjoyable. No more pollution in your cities or countryside.
The ebike is an ecological and alternative means of transport. The ebike can be parked everywhere. Free of noise and save energy, oxygen and time. The ebike allows you to get to destinations unreachable before with little efforts and lots of fun!

Time is precious
In short urban journeys, up to 15 km , which represent the 80 % of offsets in cities , the ebike turns out to be the most efficient means of transport compared to all other alternatives (including public transport), both in terms of time and costs.

Saving
The cost per kilometer of a car is between 15 and 30 cents, including all parameters (fuel, maintenance, insurance, etc.). On an ebike those costs are decreasing till reach 0.40 cents per km, which means about 60 times cheaper.

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BOSCH

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BOSCH

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SHIMANO STEPS

ecologic

COMPLIES WITH Ecobikes EN 15194 ATALA.IT

ANDARE IN BICI CON SICUREZZA

Sicurezza e affidabilità: le nostre biciclette sono comprovate dalla conformità alle norme Europee, nel rispetto delle quali effettuiamo severi controlli e prove specifiche su ogni modello in uscita dagli stabilimenti dei nostri partner di produzione.
La corrispondenza agli standard qualitativi stabiliti dall'Unione Europea costituisce ormai un requisito imprescindibile del prodotto e rappresenta un parametro oggettivo di valutazione anche da parte dei consumatori.

RIDING A BIKE IN A SAFE WAY

Strict controls and specific tests are carried on daily in our plants respecting the European Rules. In addition to the high quality of the products, in Atala we believe that safety and reliability are some of the most important features of our bicycles. This aspect represents an essential requirement for the consumer choice.

ebikes powered by BOSCH

SISTEMA ELETTRONICO INTELLIGENTE

Bosch eBike System Product Division è leader sul mercato europeo per i sistemi elettrici per biciclette.

Le persone di tale divisione sviluppano continuamente soluzioni uniche e potenti per il settore della mobilità elettrica e sono impegnate a far progredire il mondo delle eBikes verso il futuro, dando un contributo fondamentale alla mobilità di domani. Bosch eBike Systems vi ispirerà con i suoi prodotti e le sue soluzioni. La gamma di prodotti spazia da unità motore ad alta efficienza, passando per batterie ad elevato rendimento fino ad intuitivi computer di bordo. La perfetta armonia tra i componenti è la chiave per raggiungere gli elevati standard tipici di un prodotto Bosch sia per la performance che per la convenienza.

In soli 3 anni, la Bosch eBike Systems è cresciuta da "debuttante" a leader di mercato.
Fondata nel 2009, con obiettivo iniziale lo sviluppo tecnologico di prodotti e sistemi, nell'estate 2010 introduce il suo sistema di nuova concezione, facendo seguire la produzione in serie nella stagione 2011.

Bosch sta già pensando oggi alle possibilità del mondo interconnesso di domani. Con il suo impegno a fornire mobilità moderna e lungimirante per tutti, Bosch sta dando un contributo responsabile ed economico al rinnovamento ecologico.



ELECTRONIC INTELLIGENCE SYSTEM

The Bosch eBike Systems Product Division is the European market leader for eBike systems.

The people at Bosch eBike Systems are continually developing unique and powerful solutions for the eMobility sector. They are deeply committed to advancing the world of eBikes into the future, making a vital contribution to the mobility of tomorrow. Bosch eBike Systems will inspire you with its products and solutions. The Bosch product portfolio ranges from highly efficient drive units through high-performance batteries to an intelligent, intuitive on-board computer. Perfect harmony between components is the key to achieving Bosch's high standards for both performance and convenience.

In just three years, Bosch eBike Systems has grown from market newcomer to leading pacesetter. Established in 2009, its initial focus was on technological development of products and systems. In the summer of 2010, Bosch made its debut by introducing its newly developed eBike drive system, followed by the serial production launch during season 2011.

Bosch is already thinking today about the possibilities of tomorrow's interconnected world. With its commitment to providing modern and forward-looking mobility for everyone, Bosch is making a responsible and economical contribution to ecological renewal.



DRIVE UNIT PERFORMANCE CX
Più potenza. Più passione. Più carattere.

Performance CX: per gli amanti della guida sportiva.
Godetevi il mountainbiking con una dinamicità mai provata. Il Performance CX è l'unità di propulsione ideale su strade sterrate. Un mostro di potenza che entusiasma tutti coloro che hanno la passione per il trail grazie a una coppia fino a 75 Nm, una potente assistenza del motore fino al 300% e un design aggressivo.
Proverete il vero flow con una spinta incredibile!

Guida divertente, massima coppia
Duratura e forte – anche alle alte frequenze di pedalata, con una coppia massima continua fino a 75 Nm.

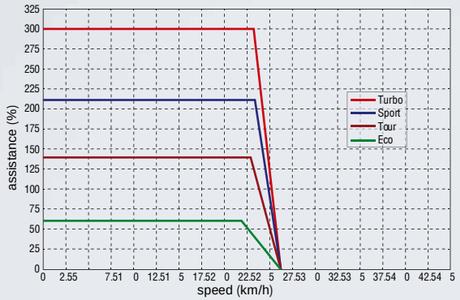
Direct Flow
Basso numero di giri, grande effetto! Il piede sul pedale e già entri nel flow! Anche con una frequenza di pedalata minima esci come una freccia dalle curve.

Gear Change Control
Il cambio diretto delle marce consente un'accelerazione grintosa.

Trail Control
Grazie alla dinamica regolazione della potenza Bosch, il ciclista pedalerà sempre con il giusto livello di supporto (50-300%) sulle salite.

eMTB-designed
Interfaccia ISIS e fattore Q minimo; il trail control e il gear change control limitano le sollecitazioni sulla catena e sul pacco pignoni.

Livelli di assistenza *Support levels*



More drive. More passion. More character.

Drive Unit Performance CX: For fans of pure dynamics
Experience mountain biking with unknown dynamics. The Performance CX is the ideal drive off-road. The powerhouse thrills trail enthusiasts with a torque of up to 75 Nm, powerful pedal assistance up to 300%, and a dedicated mountain bike design. Real flow on the trail with incredible drive.

Maximum momentum
Durable and strong – allowing high speeds with continuous maximum torque up to 75 Nm.

Direct flow
Small turn, big impact! Foot on the pedal and directly into the flow. You come out of the turn with power even at low cadence.

Gear Change Control
Direct gear changes enable sporty acceleration.

Trail Control *Through the dynamic power control typical for Bosch, the driver always has the right level of support (50–300%) in steep terrain off-road.*

eMTB-designed
A purist rough look and optimal integrability with high-quality ISIS interface and minimum Q factor; Trail Control and Gear Change Control are easy on the chain and cassette.of transport compared to all other alternatives (including public transport), both in terms of time and costs.

DRIVE UNIT PERFORMANCE
La potente unità di propulsione.



Per andare al lavoro o nel tempo libero per lunghe percorrenze, con la Drive Unit Performance allargherete il vostro raggio di azione. L'unità di propulsione accelera con una spinta vigorosa, in modo energico, ma naturale. Coprire lunghe distanze, fare ripide salite senza fatica, godendovi la vostra uscita. Potrete viaggiare a una velocità fino a 25 km/h supportati dalla Drive Unit Performance Cruise e addirittura fino a 45 km/h con il modello Speed.

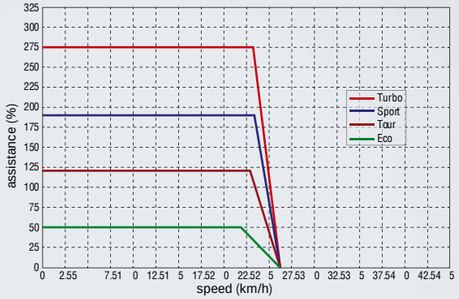
Divertimento puro grazie al sistema a tre sensori
La Drive Unit Performance è dotata di tre sensori: di coppia, frequenza di pedalata e velocità. Le 1000 misurazioni al secondo consentono un'interazione perfetta di tutte le componenti, per la massima efficienza energetica e una pedalata naturale.

La guida è sportiva, la cambiata sempre dolce
Nel cambio marcia, il motore adegua automaticamente la coppia erogata. Ciò attenua il carico sui componenti e rende la guida estremamente confortevole.

Compatto e leggero
I sistemi di propulsione Bosch sono il riferimento sul mercato per quanto riguarda l'ergonomia e il peso. La compatta disposizione della trasmissione consente l'ottimale integrazione della Drive Unit Performance nel telaio e garantisce una maggiore luce da terra. Il volume ridotto rende il motore davvero leggero.

Silenziosa, robusta e di lunga durata
La rapida elaborazione dei segnali dei sensori e la precisione dei comandi del motore ha consentito di ottimizzare la Drive Unit Performance riducendo rumori e vibrazioni. Il trascinamento stabile della catena evita che questa salti e che le componenti facciano sforzi inadeguati. Meno usura e più comfort. La protezione da urti e da spruzzi rende la Drive Unit estremamente robusta.

Livelli di assistenza *Support levels*



The powerful drive.

Whether getting to work relaxed or taking extended tours in your spare time – with the Drive Unit Performance you expand your action radius. The powerful drive accelerates with a noticeable boost – powerfully and naturally. In this way you can cope with long distances and gradients easily while having lots of fun – up to 25 km/h with the Drive Unit Performance Cruise or even 45 km/h with the Speed variant.

Pure riding enjoyment thanks to the three-sensor concept
The Drive Unit Performance is equipped with three sensors for pedaling power, cadence, and speed. With 1000 sensor measurements per second, these provide optimum coordination of the system components. The result: maximum energy efficiency and a thrillingly natural riding sensation.

Sporty riding, gentle shifting
While you are shifting, the drive adapts its torque automatically to the shifting process. This takes stress off the components and makes eBiking extremely comfortable.

Compact and lightweight
Bosch eBike drive systems set standards in matters of ergonomics and weight. The compact drive arrangement enables optimal integration of Drive Unit Performance into the frame. There is more ground clearance for the eBiker. The reduced volume makes the drive lightweight.

Quiet, sturdy, and durable
Due to direct processing of the sensor signals and the precise motor control, Drive Unit Performance is optimized for minimum sound emissions and vibration. The secure chain run keeps the chain from being derailed and prevents the components from being subjected to undue strain. This reduces wear, maximizes comfort, and increases service life. The rock and splash water protection make the Drive Unit extremely rugged.



ACTIVE LINE
Più versatile. Più fruibile. Più divertente.

Drive Unit Active. Il più fruibile tra i sistemi di propulsione.
La Drive Unit Active supporta la vostra pedalata in modo del tutto equilibrato, dandovi una sensazione di pedalata unica nel suo genere e assolutamente naturale. Grazie al sistema Active allargherete il vostro raggio di azione e arriverete più rapidamente e in modo più rilassato alla meta. Ancora più movimento, per essere non solo sempre in forma ma anche per divertirsi.

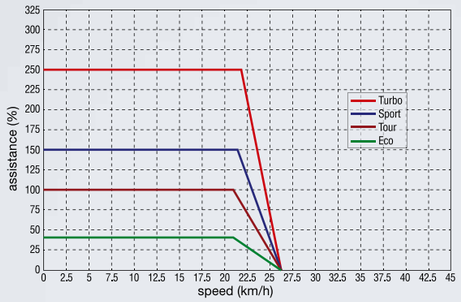
Divertimento garantito grazie al sistema a tre sensori
Coppia, frequenza di pedalata e velocità vengono misurati fino a 1000 volte al secondo per consentire un'erogazione costante ed equilibrata. Avrete così una pedalata fluida e perfettamente coordinata, in qualsiasi situazione.

Silenziosa, robusta e affidabile nel tempo
La rapida elaborazione dei segnali dei sensori e la precisione dei comandi del motore ha consentito di ottimizzare la Drive Unit Active riducendo al minimo rumori e vibrazioni. Il trascinamento stabile della catena evita che questa salti. Ciò ne diminuisce l'usura e aumenta il comfort.

Compatto e leggero
I sistemi di propulsione Bosch sono il punto di riferimento sul mercato per quanto riguarda l'ergonomia e il peso. La compatta disposizione della trasmissione consente l'ottimale integrazione della Drive Unit nel telaio e garantisce una maggiore luce da terra. Il volume ridotto rende il motore davvero leggero.

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Durante il cambio marcia, il motore adegua automaticamente la coppia erogata. Ciò attenua il carico sui componenti e rende la guida estremamente confortevole.

Livelli di assistenza *Support levels*



More flexibility. More experience. More riding pleasure.

Drive Unit Active: The versatile drive
Drive Unit Active supports your ride very harmoniously and provides a unique, natural riding experience. This drive extends your range and gets you to your destination faster and more relaxed. An increase in movement which not only keeps you fit, but also is a lot of fun.

Pure riding enjoyment thanks to the three-sensor concept
Three sensors for pedaling power, cadence, and speed ensure an optimum balance of forces with 1000 measurements per second. You receive perfectly coordinated, harmonious riding support at all times.

Quiet, sturdy, and durable
Due to direct processing of the sensor signals and the precise motor control, Drive Unit Active is optimized for minimum sound emissions and vibration. The secure chain run helps to keep the chain from being derailed and prevents the components from being subjected to undue strain. This reduces wear, maximizes comfort, and increases service life.

Compact and lightweight
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Sporty riding, gentle shifting
While you are shifting, the drive adapts its torque automatically to the shifting process. This takes stress off the components and makes eBiking extremely comfortable.

COMPARAZIONE MOTORI

PERFORMANCE LINE CX
La maggiore potenza abbinata a una risposta più sensibile crea una sensazione di pedalata del tutto nuova sul tracciato. Un vero flusso di marcia con un'incredibile spinta!

PERFORMANCE LINE
Una carica di energia e dinamismo sulla strada asfaltata, su quella sterrata, sui valichi e sui single trail. Il vigoroso sistema di propulsione è focoso e allo stesso tempo facilmente controllabile.

ACTIVE LINE
Scorrevole e versatile, disegnato su misura dei moderni guidatori di eBike. Le caratteristiche di effienza, ergonomia, design e alta tecnologia sono realizzate senza soluzione di continuità, per interagire perfettamente l'una con l'altra.



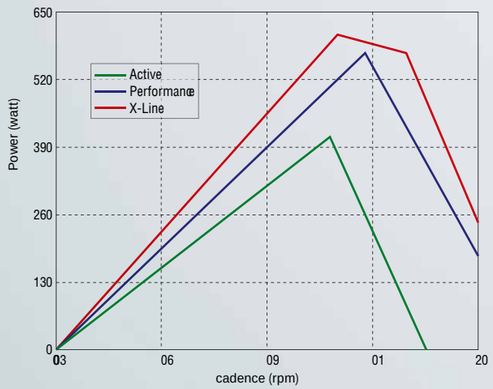
MOTOR COMPARISON

PERFORMANCE LINE CX
More power with sensitive response leads to a completely new riding experience on the trail. True flow with incredible propulsion!

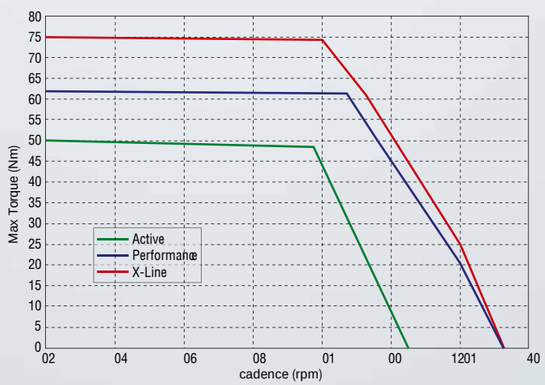
PERFORMANCE LINE
A mass of energy and momentum to the street, the dirt road, the pass or the single trail. The powerful drive system is both impulsive and controllable.

ACTIVE LINE
Harmonious drive and versatile, custom-made product for modern ebikers. Features such as efficiency, ergonomics, design and high technology are brought together seamlessly and harmoniously.

Potenza erogata *Power supply*



Coppia motore *Motor torque*





INTUVIA
L’intelligente centralina di controllo

Il ciclocomputer Intuvia consente di guidare una pedelec in modo facile e intuitivo. Il display, perfettamente leggibile anche sotto la luce del sole, vi informerà in modo sicuro sull’attuale velocità, il livello di assistenza, lo stato di carica della batteria e l’autonomia.

Ideale per qualsiasi situazione
Cinque diversi livelli di assistenza supportano in base alle richieste e alla situazione: Eco, Tour, Sport, Turbo e Off . Il range va da un supporto minimo per ottenere la massima autonomia, nella modalità Eco, al supporto massimo con un’alta frequenza di pedalata in modalità Turbo.

Modalità Off-Board
Anche quando non è collegato alla bicicletta, Intuvia è un’utile fonte di informazioni che vi fornirà tutti i dati principali relativi al percorso.

Ricarica di dispositivi mobili
Grazie alla porta micro USB integrata potrete ricaricare in viaggio i vostri dispositivi mobili come lo smartphone.

Indicatore della marcia consigliata
Il sistema si accorge se state guidando all’interno del range ottimale della Drive Unit e suggerisce, se necessario, di cambiare su un rapporto inferiore o superiore, semplicemente tramite frecce. Il risultato: una sensazione di pedalata sempre piacevole e massima autonomia.



The clever control center

With the on-board computer Intuvia, you control your pedelec experience easily and intuitively. The display, which is easy to read even in sunlight, informs you reliably about speed, support mode, battery charge level, and range.

Suitable for every riding situation
Five riding modes assist you depending on your wishes and riding situation: Eco, Tour, Sport, Turbo, and Off . The spectrum ranges from smart support for the greatest possible range in Eco mode to maximum, powerful support in the highest cadences in Turbo mode.

Off-board mode
Even when removed from the eBike, Intuvia remains a useful basis information source that makes it possible for you to view all your tour information.

Charging mobile devices
Using the integrated micro-USB interface, you can charge mobile devices such as your smartphone while you are on the go.

Shift recommendation
Your system detects whether you are in the optimum effi ciency range and recommends a higher or lower gear – using simple arrow symbols. The result: a more pleasant riding experience and the greatest possible range.

NYON
Il vostro personale assistente eBike

Ride
Tutto in un’unica schermata. Chiara visualizzazione, ben leggibile anche con forte sole: lo schermo a colori transflettivo da 4,3 pollici vi mostrerà tutte le informazioni a voi necessarie. Velocità e distanza, assistenza al motore, stato di carica della batteria, frequenza di pedalata, ora e quota esatta.

Navigation
I percorsi più veloci, più belli per eMountainbike. Secondo le vostre impostazioni, Nyon vi indicherà il percorso più veloce o quello più emozionante. Grazie al nuovo profio “eMTB Route” realizzato per gli amanti della mountain-bike, il ciclocomputer vi guiderà addirittura esclusivamente su strade sterrate. Mappe scaricabili gratuitamente, disponibili presso i rivenditori.

Fitness
Funzione finess e allenamento. Nyon fa della eBike il vostro personal trainer. Siete uno sportivo ambizioso o volete semplicemente prendervi cura della vostra salute? Nyon vi supporterà in ogni caso nei vostri obiettivi mostrandovi un riepilogo della vostra performance in tempo reale.

Funzione smartphone
Messaggi in arrivo. Un pop-up vi informerà via bluethooth se sono arrivati nuovi SMS sul vostro smartphone. Potrete così essere sempre aggiornati, senza dover prendere il telefonino dalla tasca o dallo zaino.



Connessione intelligente

Sempre interconnessi, in qualsiasi situazione: grazie al collegamento con l’applicazione per smartphone eBike Connect e il portale online eBike-Connect.com, Nyon vi consentirà di accedere al mondo Bosch eBike Systems. Avrete a disposizione numerose funzionalità che potrete ampliare secondo le vostre personali esigenze e che renderanno l’uscita in eBike un’esperienza su misura.

Applicazione per smartphone eBike Connect
La personalizzazione del computer effettuata utilizzando l’applicazione per smartphone eBike Connect farà di esso un vero e proprio assistente di guida. Lo scambio dati viene effettuato via bluetooth.

Portale online eBike-Connect.com
Sul vostro computer di casa potrete calcolare tempi e distanze, pianificare percorsi e analizzare gli effetti dell’allenamento. Potrete porvi degli obiettivi di lungo termine e avrete in ogni momento le necessarie informazioni a vostra disposizione. La trasmissione dei dati viene effttuata tramite WiFi.

Your personal eBike Wizard

Ride
Everything at a glance. Clear presentation, and easy to read even in bright sunlight: The transreflxive 4.3-inch color display shows you everything you need to know. From speed and distance to motor support and charge level to cadence, time, distance, and the precise altitude.

Navigation
The fastest, most scenic, or best e-mountain bike route. Depending on what you want, your Nyon can navigate you on the fastest or most scenic route. And with the new route profie developed for e- mountain bikers “eMTB Route,” the on-board computer takes you exclusively on unpaved paths. Free maps availables to be downloaded at your dealers.

Fitness
Fitness and training function. Nyon turns your pedelec into your own personal trainer. Whether you are among the ambitious athletes or are just concerned about your health – Nyon shows your performance overview in real time.

Smartphone function
Staying in touch. A pop-up informs you via Bluethooth about the arrival of new SMS messages on your smartphone. In this way you stay informed and your cellphone remains safely in your pocket or backpack.

Intelligently networked

Full networking, wherever you are: By connecting with the smartphone app eBike Connect and the online portal eBike-Connect.com, Nyon provides access to the world of Bosch eBike Systems. Numerous individually extensible features await you and make ebiking into a very personalized experience.

Smartphone-App eBike Connect
Individual adjustments in the smartphone app eBike Connect make the on-board computer into your personal wizard. Data is exchanged via Bluetooth.

Online-Portal eBike-Connect.com
On your PC, you can view times and distances, plan tours, and analyze training effcts. Here you can set long-term finess goals and have all information at a glance at any time. The data is transferred using WiFi.



POWERPACK
La fonte di energia sicura

Scegliete la batteria più adatta alle vostre esigenze. I Bosch PowerPack sono disponibili con 300, 400 e ora anche 500 Wh per il montaggio sul telaio o al portapacchi. Il loro comune denominatore è l'elevata capacità, l'enorme performance, il loro lungo ciclo di vita, il peso minimo e la massima maneggevolezza.

Best in class: più leggera di così non si può!
I Bosch PowerPack sono le batterie con il miglior rapporto tra performance, dimensione e peso. Qual è il vantaggio? Una riserva di energia così leggera che il suo peso quasi non si nota.

Semplicemente geniale: la maneggevolezza
Grazie alla loro impugnatura ergonomica e all'ottimale supporto, le batterie si lasciano montare e smontare con facilità. Ancora più facile è la ricarica dei PowerPack: anche direttamente sull'eBike.

Lunga durata ed elevata funzionalità
Il Battery Management System integrato protegge la batteria dalla sovraccarica, sottoscarica, surriscaldamento e cortocircuito. Ciò permette un lungo ciclo di vita e prestazioni ottimali.

Conservare senza problemi, ricaricare in modo ottimale, sempre e dappertutto
Le batterie agli ioni di litio non soffrono dell'effetto memoria e dell'effetto di autoscarica. I PowerPack possono pertanto essere ricaricati in qualsiasi momento anche parzialmente, senza effetti negativi sulla loro durata.



Autonomia dei PowerPack

Condizioni ideali**
Terreno pianeggiante con velocità media di ca. 15 km/h, senza vento contrario, temperatura di ca. 20 °C, componenti della bicicletta di alta qualità, profilo e pressione delle gomme con minima resistenza al rotolamento, utilizzatore esperto di biciclette elettriche (utilizzo del cambio sempre corretto), peso del ciclista < 70 kg.

Condizioni favorevoli**
Terreno leggermente collinare, velocità media di circa 20 km/h, leggero vento contrario, temperatura di ca. 10 - 20 °C, componenti della bicicletta di media qualità, profilo e pressione delle gomme con resistenza al rotolamento media, frequenza della pedalata favorevole, utilizzo del cambio quasi sempre corretto, peso del ciclista tra i 70 e gli 80 kg.

Condizioni difficili**
Terreno con lunghe e ripide salite, con una velocità media di 25 km/h, eventualmente forte vento contrario, temperatura < 10 °C, componenti della bicicletta con basso grado di efficienza, profilo e pressione delle gomme con sensibile resistenza al rotolamento, selezione della marcia e della frequenza di pedalata sfavorevole, peso del ciclista > 85 kg.

Reliable energy source

Select the battery that suits you. Bosch PowerPacks for the Active Line are available with 300, 400, and now also 500 Wh as a frame or rack battery. Common to all is their high energy density, exceptional mileage, long service life, low weight, and easy handling.

Best in class: There's nothing lighter
Bosch PowerPacks are the batteries with the best balance of performance, size, and weight. How do you benefit? You get a powerhouse that is so light that its weight is practically negligible during riding.

Simply ingenious: The handling
Thanks to the ergonomically well-conceived handle and optimal mount, the batteries can be easily inserted and removed. The only thing easier is charging the PowerPacks directly on the eBike.

High mileage and long life
The integrated Battery Management System (BMS) reliably protects the battery from overcharging, undervoltage, overheating, and short circuit. A long service life with high mileage is guaranteed.

Easy to store, optimally charged – anytime and anywhere
Lithium-ion batteries have neither memory nor self-discharge effects. This means the PowerPacks can also be partially recharged at any time – without affecting the service life.

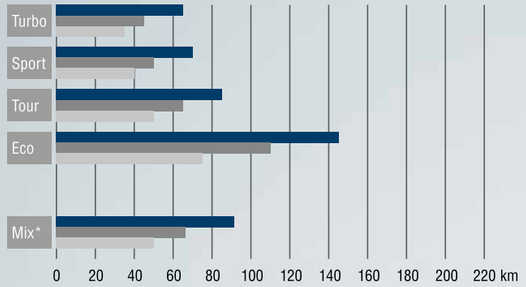
Range of the PowerPacks

[BOLLINO BLU] Ideal conditions*
Flat terrain, approx. 15 km/h average speed, no headwind, approx. 20 °C ambient temperature, high-quality bike components, tire tread and pressure with minimal rolling resistance, experienced eBike rider (always shifts gears correctly), additional weight (excluding bike weight) < 70 kg.

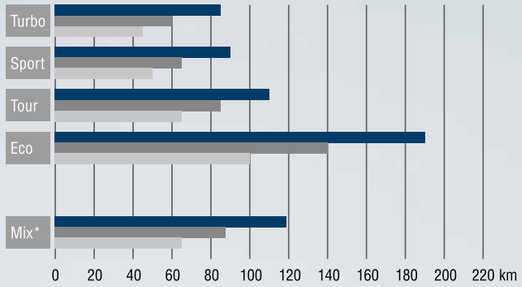
[BOLLINO GRIGIO SCURO] Favorable conditions*
Slightly hilly terrain, approx. 20 km/h average speed, slight headwind, approx. 10 °C to 20 °C ambient temperature, medium-quality bike components, tire tread and pressure with average rolling resistance, favorable cadence, eBike rider shifts correctly most of the time, additional weight (excluding bike weight) 70 kg to 80 kg.

[BOLLINO GRIGIO CHIARO] Difficult conditions*
Terrain with long and steep inclines at 25 km/h average speed, possibly strong headwind, < 10 °C ambient temperature, bicycle components with relatively low efficiency, tire tread and pressure with increased rolling resistance, unfavorable gear selection / cadence, additional weight (excluding bike weight) > 85 kg.

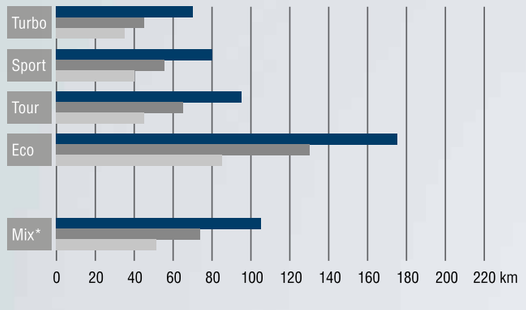
Active Cruise 300 Wh



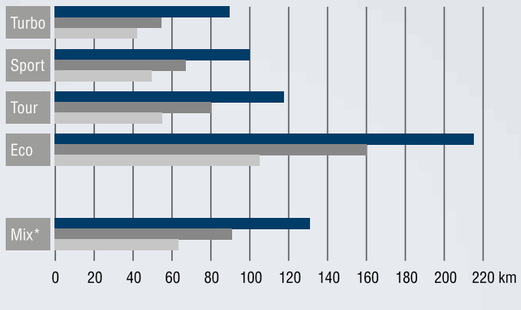
Active Cruise 400 Wh



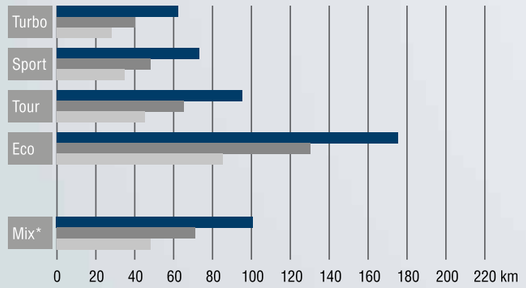
Performance Cruise 400 Wh



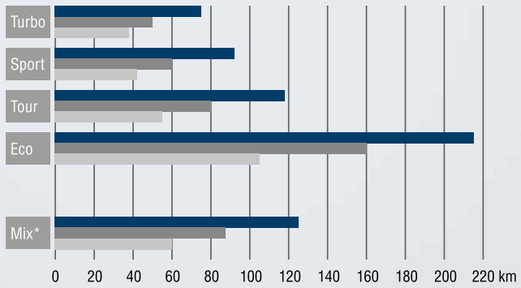
Performance Cruise 500 Wh



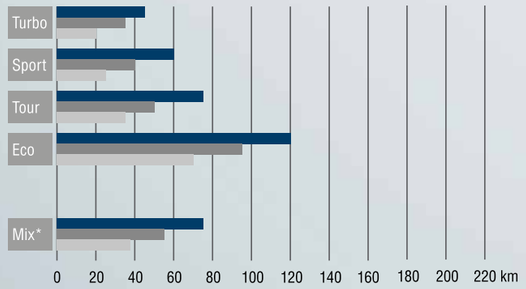
Performance CX Cruise 400 Wh



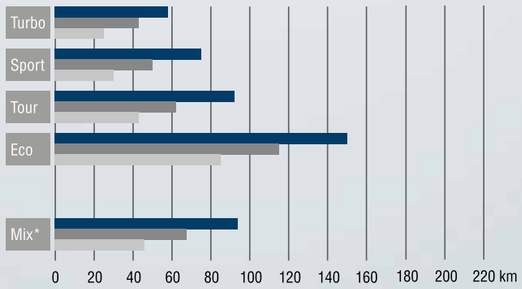
Performance CX Cruise 500 Wh



Performance Cruise 400 Wh



Performance Cruise 500 Wh







CARICABATTERIE
Per una ricarica facile e veloce

I caricabatterie Bosch sono compatti, leggeri e robusti. E soprattutto velocissimi. Per poter godere i vantaggi dell'eBike, possibilmente senza far alcuna pausa, non è assolutamente necessario disporre di 230 Volt: potrete ricaricare in viaggio la vostra pedelec con il caricabatterie da viaggio Travel Charger, attraverso l'accendisigari dell'auto o del camper.

Non perde tempo: il caricabatterie Bosch eBike
Un PowerPack 300 completamente scarico necessita di sole 2,5 ore per ricaricarsi completamente, un PowerPack 400, invece, di 3,5 ore, e il nuovo PowerPack 500 di 4,5 ore. Per caricare un PowerPack 300 a metà è necessaria circa un'ora, per un Power-Pack 400 un'ora e mezza. Il PowerPack 500 si ricarica al 50% dopo circa due ore.

Compatto e leggero
Il caricabatterie Bosch eBike ha le dimensioni medie di una borraccia e pesa solamente 800 grammi.

Funzionale, robusto e silenzioso
Una spina di forma ergonomica facilita l'utilizzo, le dimensioni molto compatte fanno si che possa essere stivato facilmente. Il case esterno sigillato rende questo caricabatterie stabile e resistente allo sporco.

In viaggio: il caricabatterie da viaggio
Con il caricabatterie da viaggio potrete ricaricare la vostra eBike facilmente, anche se non siete a casa, grazie all'uso della presa accendisigari o alla presa 12 V della vostra auto o del vostro camper. Intelligente: il dispositivo non pesa neanche 500 grammi e dispone di una protezione da scarica totale della batteria della macchina.
Non incluso nella dotazione di serie della bicicletta.

Caricabatteria Bosch *Bosch charger*

Corrente di carica [A]	*Charging current [A]*	4
Tensione aliment. [V]	*Voltage range [V]*	230
Dimensioni [mm]	*Dimensions [mm]*	190x86x54
Connettore	*Plug*	European universal
Peso [kg]	*Weight [kg]*	0,8

Faster charging made easy

Bosch Chargers are compact, lightweight, and rugged. And above all, really fast. To allow you to enjoy your eBike experience without interruption, you do not necessarily need 230 volts: While traveling you can charge your eBike with the Travel Charger on the cigarette lighter of a car or motorhome.

Doesn't waste any time: The Bosch eBike Charger
BAn empty PowerPack 300 is fully charged within 2.5 hours, while a PowerPack 400 requires 3.5 hours for this. The new PowerPack 500 is fully charged within 4.5 hours. Approx. 1 hour is required to charge the PowerPack 300 up to half, 1.5 hours for the PowerPack 400. It takes approx. 2 hours to charge the PowerPack 500 to 50%.

Compact and lightweight
The Bosch eBike Charger is only about as big as a water bottle and very lightweight, at just under 800 grams.

Functional, rugged, and silent
An ergonomically shaped plug facilitates handling, and the very compact dimensions make the unit easy to stow in your luggage. The closed housing makes the Charger rugged and resistant to dirt.

When traveling: The Travel Charger
With the Travel Charger, you can charge your eBike on the move – using the cigarette lighter or the 12 V power socket of your car or motorhome. Clever: The device weighing barely 500 g has integrated discharge protection for the car battery.
Non included in standard equipment of the bike.

Batterie Bosch *Bosch battery*

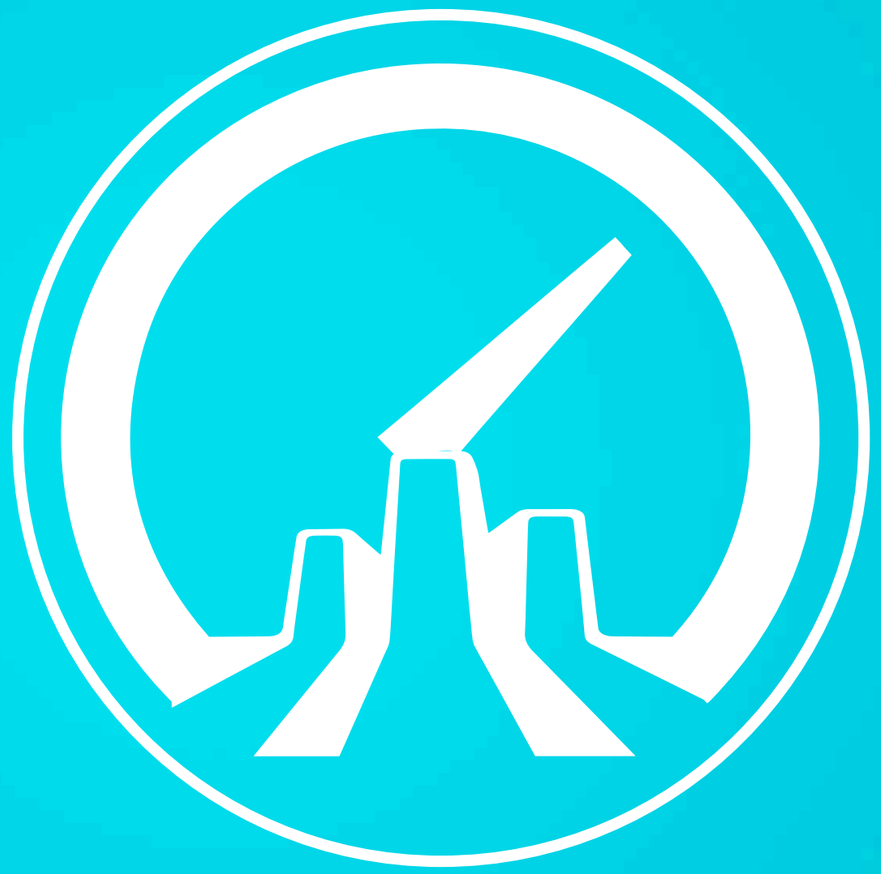
Posizione sulla bici	*Battery configuration*	Telaio *Frame*			Portapacchi *Rack*	
Modello di batteria	*Battery model*	Powerpack 500	Powerpack 400	Powerpack 300	Powerpack 400	Powerpack 300
Tensione [V]	*Voltage [V]*	36	36	36	36	36
Capacità [Ah]	*Capacity [Ah]*	13,4	11,0	8,2	11,0	8,2
Contenuto energetico [Wh]	*Energy content [Wh]*	500	400	300	400	300
Peso [kg]	*Weight [kg]*	2,6	2,5	2,0	2,6	2,4
Densità energetica [Wh/kg]	*Energy density [Wh/kg]*	185,5	158,4	147,6	152,3	123,0
Tempo di ricarica [h]	*Recharge time [h]*	4,5	3,5	2,5	3,5	2,5
Cicli di carica	*Charge cycles*	500	500	500	500	500
Dimensioni [mm]	*Dimensions [mm]*	325 x 92 x 90	325 x 92 x 90	325 x 92 x 82	372 x 122 x 80	372 x 122 x 80

Motori Bosch *Bosch Drive Units*

Linea prodotto	*Product Line*	Performance CX Line	Performance Line	Active Line		Performance Line Speed
Deragliatore posteriore	*Rear derailleur*	External shifting	External shifting	External shifting	Internal gear hub	External shifting
Potenza nominale [W]	*Nominal power [W]*	250	250	250	250	350
Livello di supporto [%]:	*Nominal power [W]*					
Sport	*Sport*	210	190	150	150	190
Tour	*Tour*	120	120	100	100	120
Eco	*Eco*	50	50	40	40	55
Coppia massima [Nm]:	*Maximum drive torque [Nm]:*					
Turbo	*Turbo*	75	60	50	48	60
Sport	*Sport*	60	55	45	45	55
Tour	*Tour*	50	50	40	40	50
Eco	*Eco*	40	40	35	35	40
Peso [kg]	*Weight [kg]*	< 4	< 4	< 4	< 4	< 4
Velocità massima assistita [km/h]	*Maximum assisted speed [km/h]*	25	25	25	25	45

Display Bosch *Bosch display*

		INTUVIA	NYON
LCD Display	*LCD Display*	√	√
Retroilluminazione	*Backlight*	√	√
Velocità istantanea [km/h]	*Current speed [km/h]*	√	√
Velocità media [km/h]	*Average speed [km/h]*	√	√
Velocità massima [km/h]	*Maximum speed [km/h]*	√	√
Distanza totale [km]	*Total distance [km]*	√	√
Distanza parziale [km]	*Trip distance [km]*	√	√
Tempo totale	*Total time*	√	√
Orologio	*Clock*	√	√
Livelli di supporto	*Support level*	4	4
Livello senza supporto	*Level without support*	√	√
Barre potenza istantanea	*Current power bars*	√	√
Barre stato di carica	*Charge status bars*	√	√
Comando remoto	*Remote control*	√	√
Cadenza	*Cadence*	-	√
Wi-Fi	*Wi-Fi*	-	√
Portale online	*Online Portal*	-	√
Ride e schermo personalizzato	*Ride and user-defined screen*	-	√
Navigazione:	*Navigation*	-	√
- Monitoraggio	*- Tracking*	-	√
- Pianificazione	*- Routeplanning*	-	√
- Visualizzazione 2D	*- 2D view*	-	√
- Percorso "eMTB"	*- "eMTB" route*	-	√
Visione autonomia su mappa	*Residual range view on map*	-	√
Fitness	*Fitness*	-	√
Notifica SMS	*Display of incoming SMS*	-	√
Importazione file GPX	*Import of GPX files*	-	√
Misurazione esatta della quota	*Precise altitude measurement*	-	√
Visualizzazione intervalli manutenzione	*Service interval indicator*	-	√



HYBRID
45km/h

URBANSPEED SL

11S

WHISTLE

BOSCH

Kit Type *Performance Speed*

Battery *500 Wh*



• Free maps • Fitness
• Computer • Wi-Fi

150 Km

60 Nm

45 km/h

Frame	*Alu 29", hydroformed, tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket, internal cable routing*
Fork	*Alu 29", One piece, tapered 1"1/2 steerer, Post mount brake bracket*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa 20T*
Rear Derailleur	*Shimano XT RD-M8000 GS, Shadow Plus*
Shifters Levers	*Shimano XT SL-M8000 Rapidfire-Plus, 11s*
Brakes	*Magura MT6, Rotor Storm 180 mm F, 160 mm R, w/switch*
Cassette	*Shimano CS-M8000 11s 11/42*
Pedals	*Alu TKK*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 29", 32h*
Stem	*Kyte Alu Oversize*
Handlebar	*Kyte Top Flat Alu Oversize, 680 mm*
Seatpost	*Kyte Alu 31,6 mm*
Saddle	*Selle Royal Shadow*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*18" - 20"*
Colours	*Anthracite/Red Matt*

Performance Speed 500 Wh Nyon

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*350 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 500, frametype, weight 2,6 kg*
Sensor	*Torque and pedal*
Range	*Up to 150 km in Eco* *Up to 90 km in Tour* *Up to 75 km in Sport* *Up to 60 km in Turbo*
Charge time	*Up to 4,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 190%* *Turbo: 275%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · ONE PIECE FORK

URBANSPEED SL

10S

CARRARO

BOSCH

Kit Type *Performance Speed*

Battery *500 Wh*



• Free maps • Fitness
• Computer • Wi-Fi

150 Km

60 Nm

45 km/h

Frame	*Alu 29", hydroformed, tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket, internal cable routing*
Fork	*Alu 29", One piece, tapered 1"1/2 steerer, Post mount brake bracket*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa 20T*
Rear Derailleur	*Shimano XT RD-M8000 GS, Shadow Plus*
Shifters Levers	*Shimano XT SL-M8000 Rapidfire-Plus, 11s*
Brakes	*Magura MT6, Rotor Storm 180 mm F, 160 mm R, w/switch*
Cassette	*Shimano CS-M8000 11s 11/42*
Pedals	*Alu TKK*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 29", 32h*
Stem	*Kyte Alu Oversize*
Handlebar	*Kyte Top Flat Alu Oversize, 680 mm*
Seatpost	*Kyte Alu 31,6 mm*
Saddle	*Selle Royal Shadow*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*20"*
Colours	*Anthracite/Red Matt*

Performance Speed 500 Wh Nyon

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*350 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 500, frametype, weight 2,6 kg*
Sensor	*Torque and pedal*
Range	*Up to 150 km in Eco* *Up to 90 km in Tour* *Up to 75 km in Sport* *Up to 60 km in Turbo*
Charge time	*Up to 4,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 190%* *Turbo: 275%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · ONE PIECE FORK

URBANSPEED S

10S

ATALA

BOSCH

Kit Type *Performance Speed*

Battery *500 Wh*



- Gear advise
- km remaining

150 Km

60 Nm

45 km/h

Frame	*Alu 29", hydroformed, tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket, internal cable routing*
Fork	*Alu 29", One piece, tapered 1"1/2 steerer, Post mount brake bracket*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Metropolis, 20T*
Rear Derailleur	*Shimano Deore RD-M610 SGS, Shadow*
Shifters Levers	*Shimano Deore SL-M610 Rapidfire Plus, 10s*
Brakes	*Magura MT4, Rotor Storm 180 mm F, 160 mm R, w/switch*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu TKK*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 29", 32h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Viper RVS*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*18" - 20"*
Colours	*Anthracite/Neon Green Matt*

Performance Speed 500 Wh Intuvia

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*350 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 500, frametype, weight 2,6 kg*
Sensor	*Torque and pedal*
Range	*Up to 150 km in Eco* *Up to 90 km in Tour* *Up to 75 km in Sport* *Up to 60 km in Turbo*
Charge time	*Up to 4,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50% Tour: 120%* *Sport: 190% Turbo: 275%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · ONE PIECE FORK

URBANSPEED

10S

ATALA

BOSCH

Kit Type *Performance Speed*

Battery *400 Wh*



- Gear advise
- km remaining

120 Km

60 Nm

45 km/h

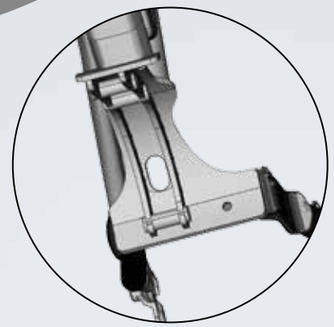
Frame	*Alu 29", hydroformed, tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket, internal cable routing*
Fork	*Alu 29", One piece, tapered 1"1/2 steerer, Post mount brake bracket*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Metropolis, 20T*
Rear Derailleur	*Shimano Deore RD-M610 SGS, Shadow*
Shifters Levers	*Shimano Deore SL-M610 Rapidfire Plus, 10s*
Brakes	*Magura MT4, Rotor Storm 180 mm F, 160 mm R, w/switch*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu TKK*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 29", 32h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Viper RVS*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*18" - 20"*
Colours	*Anthracite/Sky Matt*

Performance Speed 400 Wh Intuvia

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*350 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 120 km in Eco* *Up to 75 km in Tour* *Up to 60 km in Sport* *Up to 45 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50% Tour: 120%* *Sport: 190% Turbo: 275%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · ONE PIECE FORK

E-FAT 26”



PROGETTAZIONE DEL TELAIO
La forma dei tubi, la posizione delle giunzioni e le saldature vengono ottimizzate per permettere la resistenza alle sollecitazioni tipiche di questa bicicletta. Il disegno tecnico del telaio è sviluppato tramite un CAD in 3 dimensioni e discretizzato utilizzando la tecnica FEM (Finite Element Method), che permette di risolvere le complesse equazioni che descrivono il movimento e le deformazioni del telaio sottoposto ad un sistema di forze.
Applicando al modello ottenuto le forze date dalle condizioni di utilizzo peggiore, si evidenzia la sollecitazione in ogni punto del telaio, rendendo così possibile ottimizzare la forma e gli spessori per garantire la massima rigidità con il minimo peso.

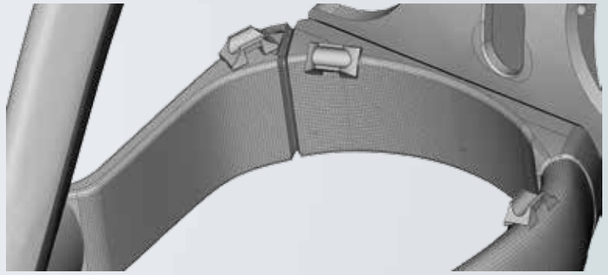
FRAME DESIGN
The shape of tubes, the place of joints and the weldings are optimized in order to allow the frame to resist to stress and strain of the bike.
The frame technical drawing is developed through a 3D CAD and discretized using FEM (Finite Element Method) technique, that allows to solve the complex equations that describe the frame movement and the deformation under a load configuration.
Applying the worst load configuration to the discretized model, the stress of the frame is highlighted, allowing the optimization of shape and thickness of the tubes to guarantee the maximum stiffness and the minimum weight.

Bison: nata per galleggiare

L’Evoluzione della MTB a pedalata assistita con coperture FAT: ecco la Bison, bicicletta ideale per pedalare su qualsiasi terreno, dove prima era impensabile arrivare. Sabbia e neve non saranno più limiti invalicabili. Nonostante la dimensione delle ruote, è agile e leggera.

Qual’è il successo?
La dimensione delle coperture è sicuramente il fattore che principalmente cade all’occhio, ma anche la pressione di gonfiaggio è fondamentale.
Le coperture larghe e la pressione relativamente bassa permettono di aumentare la superficie di appoggio e di distribuire quindi il peso della bici e del ciclista su una superficie più ampia, riducendo la pressione sul terreno.

Che caratteristiche deve avere il telaio?
Il telaio è stato studiato specificatamente per ospitare le coperture di dimensioni generose, allargando la battuta dei mozzi e la struttura dei foderi e della forcella. Questo accorgimento sposta il deragliatore posteriore verso l’esterno e quindi aumenta il valore della linea catena, il cui allineamento è necessario per il buon funzionamento del sistema di trasmissione.
A tal proposito è stata introdotta la tecnologia Asymmetric Motor Interface, che sposta la scatola di alloggiamento del motore in modo da garantire un perfetto allineamento tra guarnitura e pacco pignoni.
La rigidità torsionale è garantita dall’innovativa tecnologia Airforming che usa aria ad alta temperatura per plasmare le tubazioni, con un migliore controllo sugli spessori e la distribuzione degli sforzi.



Bison: born to float

The MTB evolution with FAT wheels: here is the Bison, the ideal bicycle to ride on any terrain, wherever you want. Sand and snow are no longer a limit. Despite the big size of the tyres, agility and lightness, proportion and texture are other main features of the bike.

What’s the success?
The size of the tyres is definitely the aspect that capt the attention most, but also the inflation pressure is very important. The wide tyres and the relatively low pressure allow the increasing of the supporting surface and the distribution of the bicycle and the biker’s weight on a larger surface area, reducing the pressure on the ground.

What are the frame features?
The frame has been designed to host the tyres, enlarging the joke of the hubs and the structure of the seat stays and fork. This arrangement moves the rear derailleur towards the outside and thus increases the value of the chain line. For this reason, the Asymmetric Motor Interface, which moves the cover of the motor in order to ensure the perfect alignment between the crankset and the cassette.
A torsional stiffness is ensured by the Airforming technique that use high temperature air to shape the pipes, with a better control on the blocks and on the stress distribution.

BISON

10S

WHISTLE

BOSCH

Kit Type *Performance Cruise*
Battery *400 Wh*



- Gear advise
- km remaining

175 Km
60 Nm
25 km/h

Frame	*Alu 26” FAT, airforming tubes, tapered 1”1/2 Head Tube, Post mount rear brake bracket, rear E-Thru axle*
Fork	*Alu 26” Fat, One piece, tapered 1”1/2 steerer, Post mount brake bracket, E-Thru axle 15x150 mm*
Headset	*FSA No.57B tapered 1”1/2*
Crankset	*Miranda Delta, 18T*
Rear Derailleur	*Shimano SLX RD-M670 SGS, Shadow*
Shifters Levers	*Shimano Deore SL-M610 Rapidfire Plus, 10s*
Brakes	*Shimano Altus BR-M355, Rotor SM-RT20 180 mm F / 160 mm R*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu MTB*
Hubs	*Alu, 32h, INT, F: E-Thru 15x150 mm, R: E-Thru 12x197 mm*
Rims	*Alu fat, 32h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 30,9 mm*
Saddle	*Selle Royal Viper RVS*
Tyres	*CST BFT 26”x4,00”*
Size	*18”*
Colours	*Blue/White/Green Matt*

Performance Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 80 km in Sport* *Up to 70 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 190%* *Turbo: 275%*

INTEGRATED POSTMOUNT | TAPERED STEERER | THRUAXLE REAR | THRUAXLE FRONT | INTERNAL CABLES | ONE PIECE FORK

MTB
FULL

B-Rush SLS 27,5”

11S

WHISTLE

BOSCH

Kit Type *Performance CX Cruise*

Battery *500 Wh*



- Free maps
- Fitness
- Computer
- Wi-Fi

215 Km

75 Nm

25 km/h



Frame	*Alu 27,5", hydroformed, tapered 1"1/2 Head Tube, Rear travel 130 mm, Post mount rear brake bracket, E-Thru axle 12x142 mm*
Fork	*Rock Shox Revelation RL, 140 mm, E-thru 15 mm, tapered 1"1/2 steerer, with remote lockout*
Rear Shock	*Rock Shox Monarch Plus R, 51 mm*
Headset	*FSA No.57E tapered 1"1/2*
Crankset	*Fsa 15T*
Rear Derailleur	*Shimano XT RD-M8000 GS, Shadow Plus*
Shifters Levers	*Shimano XT SL-M8000 Rapidfire-Plus, 11s*
Brakes	*Shimano XT BR-M8000, Rotor SM-RT81 203 mm F / 180 mm R*
Cassette	*Shimano CS-M8000 11s 11/42*
Pedals	*Alu MTB*
Hubs	*Shimano Deore HB-M618, E-Thru 15 mm/12 mm, CL, 32h*
Rims	*DT 533d, 27,5", 32h*
Stem	*Kyte Alu Oversize*
Handlebar	*Kyte Top Flat Alu Oversize, 720 mm*
Seatpost	*Kyte Alu 31,6 mm*
Saddle	*Fizik Tundra M5*
Tyres	*Schwalbe Hans Dampf 27,5x2,35*
Size	*16” - 18” - 20”*
Colours	*Ultralight/Yellow Matt*

Performance CX Cruise 500 Wh Nyon

Motor	*Brushless Bosch Performance CX Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*75 Nm*
Battery	*Powerpack 500, frametype, weight 2,6 kg*
Sensor	*Torque and pedal*
Range	*Up to 215 km in Eco Up to 115 km in Tour Up to 90 km in Sport Up to 75 km in Turbo*
Charge time	*Up to 4,5 hours*
Power	*Adjustable: 4 levels Eco: 50% Tour: 120% Sport: 210% Turbo: 300%*

INTEGRATED POSTMOUNT | TAPERED STEERER | THRUAXLE REAR | THRUAXLE FRONT | INTERNAL CABLES | REMOTE LOCKOUT

B-Rush SL 27,5”

11S

WHISTLE

BOSCH

Kit Type *Performance CX Cruise*

Battery *500 Wh*



- Gear advise
- km remaining

215 Km

75 Nm

25 km/h



Frame	*Alu 27,5", hydroformed, tapered 1"1/2 Head Tube, Rear travel 130 mm, Post mount rear brake bracket, E-Thru axle 12x142 mm*
Fork	*Rock Shox Revelation RL, 140 mm, E-thru 15 mm, tapered 1"1/2 steerer, with remote lockout*
Rear Shock	*Rock Shox Monarch Plus R, 51 mm*
Headset	*FSA No.57E tapered 1"1/2*
Crankset	*Fsa 15T*
Rear Derailleur	*Shimano XT RD-M8000 GS, Shadow Plus*
Shifters Levers	*Shimano XT SL-M8000 Rapidfire-Plus, 11s*
Brakes	*Shimano Deore BR-M615, Rotor SM-RT68 180 mm F / 180 mm R*
Cassette	*Shimano CS-M8000 11s 11/42*
Pedals	*Alu MTB*
Hubs	*Shimano Deore HB-M618, E-Thru 15 mm/12 mm, CL, 32h*
Rims	*DT 533d, 27,5", 32h*
Stem	*Kyte Alu Oversize*
Handlebar	*Kyte Top Flat Alu Oversize, 720 mm*
Seatpost	*Kyte Alu 31,6 mm*
Saddle	*Selle Royal Shadow*
Tyres	*Schwalbe Nobby Nic Performance 27,5x2,35*
Size	*16” - 18” - 20”*
Colours	*Black/Sky Matt*

Performance CX Cruise 500 Wh Intuvia

Motor	*Brushless Bosch Performance CX Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*75 Nm*
Battery	*Powerpack 500, frametype, weight 2,6 kg*
Sensor	*Torque and pedal*
Range	*Up to 215 km in Eco Up to 115 km in Tour Up to 90 km in Sport Up to 75 km in Turbo*
Charge time	*Up to 4,5 hours*
Power	*Adjustable: 4 levels Eco: 50% - Tour: 120 % Sport: 210% - Turbo: 300 %*

INTEGRATED POSTMOUNT | TAPERED STEERER | THRUAXLE REAR | THRUAXLE FRONT | INTERNAL CABLES | REMOTE LOCKOUT

B-Rush S 27,5”

10S

WHISTLE

BOSCH

Kit Type *Performance CX Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

175 Km

75 Nm

25 km/h

Frame	*Alu 27,5", hydroformed, tapered 1"1/2 Head Tube, Rear travel 130 mm, Post mount rear brake bracket, E-Thru axle 12x142 mm*
Fork	*Rock Shox Sektor TK, 140 mm, E-thru 15 mm, tapered 1"1/2 steerer, with remote lockout*
Rear Shock	*Rock Shox Monarch R, 51 mm*
Headset	*FSA No.57E tapered 1"1/2*
Crankset	*Fsa 15T*
Rear Derailleur	*Shimano XT RD-M786 SGS, Shadow Plus*
Shifters Levers	*Shimano XT SL-M780 Rapidfire-Plus, 10s*
Brakes	*Shimano Altus BR-M355, Rotor SM-RT30 180 mm F / 180 mm R*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu MTB*
Hubs	*Shimano Deore HB-M618, E-Thru 15 mm/12 mm, CL, 32h*
Rims	*DT 533d, 27,5", 32h*
Stem	*Kyte Alu Oversize*
Handlebar	*Kyte Top Flat Alu Oversize, 720 mm*
Seatpost	*Kyte Alu 31,6 mm*
Saddle	*Selle Royal Shadow*
Tyres	*Schwalbe Nobby Nic Performance 27,5x2,35*
Size	*16” - 18” - 20”*
Colours	*Black/Yellow Fluo Matt*

Performance CX Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance CX Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*75 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 75 km in Sport* *Up to 60 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 210%* *Turbo: 300%*

INTEGRATED POSTMOUNT · TAPERED STEERER · THRUAXLE REAR · THRUAXLE FRONT · INTERNAL CABLES · REMOTE LOCKOUT

B-Rush 27,5”

10S

WHISTLE

BOSCH

Kit Type *Performance CX Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

175 Km

75 Nm

25 km/h

Frame	*Alu 27,5", hydroformed, tapered 1"1/2 Head Tube, Rear travel 130 mm, Post mount rear brake bracket, E-Thru axle 12x142 mm*
Fork	*Suntour Epixon TR RL-R, E-thru 15 mm, tapered 1"1/2 steerer, with remote lockout*
Rear Shock	*Suntour Raidon R, 50 mm*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Dyna Drive, 15T*
Rear Derailleur	*Shimano Deore RD-M610 SGS, Shadow*
Shifters Levers	*Shimano Deore SL-M610, Rapidfire-Plus, 10s*
Brakes	*Shimano Altus BR-M355, Rotor SM-RT30 180 mm F / 180 mm R*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu MTB*
Hubs	*Shimano Deore HB-M618, E-Thru 15 mm/12 mm, CL, 32h*
Rims	*Ambrosio Pulse, 27,5”, 32h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Viper RVS*
Tyres	*Schwalbe Smart Sam Performance 27,5x2,10*
Size	*16” - 18” - 20”*
Colours	*Black/Red Matt*

Performance CX Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance CX Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*75 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 75 km in Sport* *Up to 60 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 210%* *Turbo: 300%*

INTEGRATED POSTMOUNT · TAPERED STEERER · THRUAXLE REAR · THRUAXLE FRONT · INTERNAL CABLES · REMOTE LOCKOUT

B-XGR8 S

10S

ATALA

BOSCH

Kit Type *Performance CX Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

175 Km

75 Nm

25 km/h

Frame	*Alu 27,5", hydroformed, tapered 1"1/2 Head Tube,Rear travel 130 mm, Post mount rear brake bracket, E-Thru axle 12x142 mm*
Fork	*Suntour Epixon TR RL-R, E-thru 15 mm, tapered 1"1/2 steerer, with remote lockout*
Rear Shock	*Suntour Raidon R, 50 mm*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Dyna Drive, 15T*
Rear Derailleur	*Shimano Deore RD-M610 SGS, Shadow*
Shifters Levers	*Shimano Deore SL-M610, Rapidfire-Plus, 10s*
Brakes	*Shimano Altus BR-M355, Rotor SM-RT30 180 mm F / 180 mm R*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu MTB*
Hubs	*Shimano Deore HB-M618, E-Thru 15 mm/12 mm, CL, 32h*
Rims	*Ambrosio Pulse, 27,5", 32h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Viper RVS*
Tyres	*Schwalbe Smart Sam Performance 27,5x2,10*
Size	*16" - 18" - 20"*
Colours	*Black/Orange Matt*

Performance CX Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance CX Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*75 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 75 km in Sport* *Up to 60 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 210%* *Turbo: 300%*

INTEGRATED POSTMOUNT · TAPERED STEERER · THRUAXLE REAR · THRUAXLE FRONT · INTERNAL CABLES · REMOTE LOCKOUT

B-XGR8

10S

ATALA

BOSCH

Kit Type *Performance Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

175 Km

60 Nm

25 km/h

Frame	*Alu 27,5", hydroformed, tapered 1"1/2 Head Tube, Rear travel 130 mm, Post mount rear brake bracket, E-Thru axle 12x142 mm*
Fork	*Suntour XCR 32 RL-C, 120 mm, tapered 1"1/2 steerer, with remote lockout*
Rear Shock	*Suntour Raidon R, 50 mm*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Dyna Drive, 15T*
Rear Derailleur	*Shimano Deore RD-M610 SGS, Shadow*
Shifters Levers	*Shimano Deore SL-M610, Rapidfire-Plus, 10s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu MTB*
Hubs	*Shimano RM33 F, Deore HB-M618, E-Thru 12 mm R, CL, 32h*
Rims	*Ambrosio Pulse, 27,5", 32h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Viper RVS*
Tyres	*Kyte Manghen 27,5x2,25*
Size	*16" - 18" - 20"*
Colours	*Black/Orange Matt*

Performance Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 80 km in Sport* *Up to 70 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 190%* *Turbo: 275%*

INTEGRATED POSTMOUNT · TAPERED STEERER · THRUAXLE REAR · INTERNAL CABLES · REMOTE LOCKOUT

BEST MARKET PRICE




MTB
FRONT

B-Ware HF SL 29”

11S

WHISTLE

BOSCH

Kit Type *Performance CX Cruise*

Battery *500 Wh*



• Free maps • Fitness
• Computer • Wi-Fi

215 Km

75 Nm

25 km/h

Frame	*Alu 29", hydroformed, tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket, internal cable routing, naked motor interface*
Fork	*Rock Shox Reba RL, 100 mm, E-thru 15 mm, tapered 1”1/2 steerer, with remote lockout*
Headset	*FSA No.57E tapered 1"1/2*
Crankset	*Fsa 15T*
Rear Derailleur	*Shimano XT RD-M8000 GS, Shadow Plus*
Shifters Levers	*Shimano XT SL-M8000 Rapidfire-Plus, 11s*
Brakes	*Shimano SLX BR-M675, Rotor SM-RT30 180 mm F / 160 mm R*
Cassette	*Shimano CS-M8000 11s 11/42*
Pedals	*Alu MTB*
Hubs	*Shimano Deore HB-M618, E-thru 15 mm / HB-RM33, CL, 32h*
Rims	*Ambrosio Pulse, 29”, 32h*
Stem	*Kyte Alu Oversize*
Handlebar	*Kyte Top Flat Alu Oversize, 680 mm*
Seatpost	*Kyte Alu 0-offset 31,6 mm*
Saddle	*Selle Royal Shadow*
Tyres	*Schwalbe Rocket Ron Performance 29x2,25*
Size	*16” - 18” - 20”*
Colours	*Ultralight/Black Matt*

Performance CX Cruise 500 Wh Nyon

Motor	*Brushless Bosch Performance CX Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*75 Nm*
Battery	*Powerpack 500, frametype, weight 2,6 kg*
Sensor	*Torque and pedal*
Range	*Up to 215 km in Eco* *Up to 115 km in Tour* *Up to 90 km in Sport* *Up to 75 km in Turbo*
Charge time	*Up to 4,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 210%* *Turbo: 300%*

INTEGRATED POSTMOUNT · TAPERED STEERER · THRUAXLE FRONT · INTERNAL CABLES · REMOTE LOCKOUT · CX INTERFACE

B-Ware HF S 29”

11S

WHISTLE

BOSCH

Kit Type *Performance CX Cruise*

Battery *400 Wh*



• Free maps • Fitness
• Computer • Wi-Fi

175 Km

75 Nm

25 km/h

Frame	*Alu 29", hydroformed, tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket, internal cable routing, naked motor interface*
Fork	*Suntour XCR 32 RL-R, 100 mm, tapered 1”1/2 steerer, with remote lockout*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Dyna Drive, 15T*
Rear Derailleur	*Shimano XT RD-M8000 GS, Shadow Plus*
Shifters Levers	*Shimano XT SL-M8000 Rapidfire-Plus, 11s*
Brakes	*Shimano BR-M355, Rotor SM-RT20 180 mm F / 160 mm R*
Cassette	*Shimano CS-M8000 11s 11/42*
Pedals	*Alu MTB*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 29”, 32h*
Stem	*Kyte Alu Oversize*
Handlebar	*Kyte Top Flat Alu Oversize, 680 mm*
Seatpost	*Kyte Alu 0-offset 31,6 mm*
Saddle	*Selle Royal Shadow*
Tyres	*Schwalbe Rapid Rob Performance 29x2,25*
Size	*16” - 18” - 20”*
Colours	*Black/Neon Orange Matt*

Performance CX Cruise 400 Wh Nyon

Motor	*Brushless Bosch Performance CX Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*75 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 75 km in Sport* *Up to 60 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 210%* *Turbo: 300%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · REMOTE LOCKOUT · CX INTERFACE

B-Cross HF SL 27,5”

11S

ATALA

BOSCH

Kit Type *Performance Cruise*

Battery *500 Wh*



- Free maps
- Fitness
- Computer
- Wi-Fi

215 Km

75 Nm

25 km/h

Frame	*Alu 27,5", hydroformed, tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket, internal cable routing*
Fork	*Suntour XCR 32 RL-R, 100 mm, tapered 1”1/2 steerer, with remote lockout*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Dyna Drive, 15T*
Rear Derailleur	*Shimano XT RD-M8000 SGS, Shadow Plus*
Shifters Levers	*Shimano XT SL-M8000 Rapidfire-Plus, 11s*
Brakes	*Shimano BR-M355, Rotor SM-RT20 180 mm F / 160 mm R*
Cassette	*Shimano CS-M8000 11s 11/42*
Pedals	*Alu MTB*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 27,5”, 32h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Viper RVS*
Tyres	*Kyte Manghen 27,5x2,25*
Size	*16” - 18” - 20”*
Colours	*Anthracite/Blue Matt*

Performance Cruise 500 Wh Nyon

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 500, frametype, weight 2,6 kg*
Sensor	*Torque and pedal*
Range	*Up to 215 km in Eco Up to 115 km in Tour Up to 100 km in Sport Up to 90 km in Turbo*
Charge time	*Up to 4,5 hours*
Power	*Adjustable: 4 levels Eco: 50% Tour: 120% Sport: 190% Turbo: 275%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · REMOTE LOCKOUT

B-Cross HF S 27,5”

10S

ATALA

BOSCH

Kit Type *Performance Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

175 Km

75 Nm

25 km/h

Frame	*Alu 27,5", hydroformed, tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket, internal cable routing*
Fork	*Suntour XCR 32 RL-R, 100 mm, tapered 1”1/2 steerer, with remote lockout*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Dyna Drive, 15T*
Rear Derailleur	*Shimano SLX RD-M670 SGS, Shadow*
Shifters Levers	*Shimano Deore SL-M610, Rapidfire-Plus, 10s*
Brakes	*Shimano BR-M355, Rotor SM-RT20 180 mm F / 160 mm R*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu MTB*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 27,5”, 32h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Viper RVS*
Tyres	*Kyte Manghen 27,5x2,25*
Size	*16” - 18” - 20”*
Colours	*Black/Neon Green Matt*

Performance Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco Up to 95 km in Tour Up to 80 km in Sport Up to 70 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels Eco: 50% Tour: 120% Sport: 190% Turbo: 275%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · REMOTE LOCKOUT

B-Ware S 27,5”

11S

WHISTLE

BOSCH

Kit Type *Performance Cruise*

Battery *500 Wh*



- Gear advise
- km remaining

215 Km

60 Nm

25 km/h

Frame	*Alu 27,5", tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket*
Fork	*Suntour XCR 32 RL-R, 100 mm, tapered 1"1/2 steerer, with remote lockout*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Dyna Drive, 15T*
Rear Derailleur	*Shimano XT RD-M8000 GS, Shadow Plus*
Shifters Levers	*Shimano XT SL-M8000 Rapidfire-Plus, 11s*
Brakes	*Shimano Altus BR-M355, Rotor SM-RT20 180 mm F / 160 mm R*
Cassette	*Shimano CS-M8000 11s 11/42*
Pedals	*Alu MTB*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 27,5”, 32h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Viper RVS*
Tyres	*Kyte Manghen 27,5x2,25*
Size	*16” - 18” - 20”*
Colours	*Black/Neon Red Matt*

Performance Cruise 500 Wh Intuvia

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 500, frametype, weight 2,6 kg*
Sensor	*Torque and pedal*
Range	*Up to 215 km in Eco* *Up to 115 km in Tour* *Up to 100 km in Sport* *Up to 90 km in Turbo*
Charge time	*Up to 4,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50% Tour: 120%* *Sport: 190% Turbo: 275%*

INTEGRATED POSTMOUNT | TAPERED STEERER | INTERNAL CABLES | REMOTE LOCKOUT

B-Ware 29”

9S

WHISTLE

BOSCH

Kit Type *Performance Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

175 Km

60 Nm

25 km/h

Frame	*Alu 29", tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket*
Fork	*Suntour XCM DS 29, 100 mm, 1”1/8 steerer*
Headset	*FSA No.57BP ZS-1 for 1"1/8 steerer*
Crankset	*Fsa Dyna Drive, 15T*
Rear Derailleur	*Shimano Alivio RD-M4000 SGS, Shadow*
Shifters Levers	*Shimano Altus SL-M370, Rapidfire, 9s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG200 9s 11/34*
Pedals	*Alu MTB*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 29”, 36h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Mach*
Tyres	*Byte Plose 27,5x2,10*
Size	*16” - 18” - 20”*
Colours	*Black/Neon Green Matt*

Performance Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 80 km in Sport* *Up to 70 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50% Tour: 120%* *Sport: 190% Turbo: 275%*

INTEGRATED POSTMOUNT | TAPERED STEERER | INTERNAL CABLES | REMOTE LOCKOUT

B-Ware 27,5”

9S

WHISTLE

BOSCH

Kit Type *Performance Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

175 Km

60 Nm

25 km/h

Frame	*Alu 27,5", tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket*
Fork	*Suntour XCM DS 27, 100 mm, 1"1/8 steerer*
Headset	*FSA No.57BP ZS-1 for 1"1/8 steerer*
Crankset	*Fsa Dyna Drive, 15T*
Rear Derailleur	*Shimano Acera RD-M390 SGS*
Shifters Levers	*Shimano Altus SL-M370, Rapidfire, 9s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG200 9s 11/34*
Pedals	*Alu MTB*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 27,5”, 36h*
Stem	*Byte Kute Alu Oversize*
Handlebar	*Byte Keek Flat Alu Oversize, 680 mm*
Seatpost	*Byte King Alu 31,6 mm*
Saddle	*Selle Royal Mach*
Tyres	*Byte Plose 27,5x2,10*
Size	*16” - 18” - 20”*
Colours	*Black/Neon Green Matt*

Performance Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco Up to 95 km in Tour Up to 80 km in Sport Up to 70 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels Eco: 50% Tour: 120% Sport: 190% Turbo: 275%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES

B-Cross CX 27,5”

9S

ATALA

BOSCH

Kit Type *Performance CX Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

175 Km

75 Nm

25 km/h

Frame	*Alu 27,5", tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket*
Fork	*Suntour XCM DS 27, 100 mm, remote lockout, 1"1/8 steerer*
Headset	*FSA No.57BP ZS-1 for 1"1/8 steerer*
Crankset	*Fsa Dyna Drive, 15T*
Rear Derailleur	*Shimano Altus RD-M370 SGS*
Shifters Levers	*Shimano Altus SL-M370, Rapidfire, 9s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG200 9s 11/34*
Pedals	*Alu MTB*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 27,5”, 36h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Mach*
Tyres	*Byte Plose 27,5x2,10*
Size	*16” - 18” - 20”*
Colours	*Black/Neon Red Matt*

Performance CX Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance CX Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*75 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco Up to 95 km in Tour Up to 75 km in Sport Up to 60 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels Eco: 50% Tour: 120% Sport: 210% Turbo: 300%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · REMOTE LOCKOUT

BEST PRICE BEST MARKET PRICE

B-Cross Performance 27,5”

9S

ATALA

BOSCH

Kit Type *Performance Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

175 Km

60 Nm

25 km/h

BEST MARKET PRICE

Frame	*Alu 27,5", tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket*
Fork	*Suntour XCT DS 27, 100 mm, 1”1/8*
Headset	*FSA No.57BP ZS-1 for 1"1/8 steerer*
Crankset	*Fsa Dyna Drive, 15T*
Rear Derailleur	*Shimano Altus RD-M370 SGS*
Shifters Levers	*Shimano Altus SL-M370, Rapidfire, 9s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG200 9s 11/34*
Pedals	*Alu MTB*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 27,5”, 36h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Mach*
Tyres	*Byte Plose 27,5x2,10*
Size	*16” - 18” - 20”*
Colours	*Black/Neon Red Matt*

Performance Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 80 km in Sport* *Up to 70 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50% Tour: 120%* *Sport: 190% Turbo: 275%*

INTEGRATED POSTMOUNT TAPERED STEERER INTERNAL CABLES

B-Cross Active 27,5”

9S

ATALA

BOSCH

Kit Type *Active Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

190 Km

52 Nm

25 km/h

BEST MARKET PRICE

Frame	*Alu 27,5", tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket*
Fork	*Suntour XCT DS 27, 100 mm, 1”1/8*
Headset	*FSA No.57BP ZS-1 for 1"1/8 steerer*
Crankset	*Fsa Dyna Drive, 15T*
Rear Derailleur	*Shimano Altus RD-M370 SGS*
Shifters Levers	*Shimano Altus SL-M370, Rapidfire, 9s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG200 9s 11/34*
Pedals	*Alu MTB*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 27,5”, 36h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Mach*
Tyres	*Byte Plose 27,5x2,10*
Size	*16” - 18” - 20”*
Colours	*Black/White Matt*

Active Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 190 km in Eco* *Up to 105 km in Tour* *Up to 90 km in Sport* *Up to 85 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 40% Tour: 100%* *Sport: 150% Turbo: 225%*

INTEGRATED POSTMOUNT TAPERED STEERER INTERNAL CABLES




HYBRID
CITY
TREKKING

B-Ware Run Naked HF SL 29”

10S

WHISTLE

BOSCH

Kit Type *Performance CX Cruise*

Battery *400 Wh*



- Free maps
- Fitness
- Computer
- Wi-Fi

175 Km

75 Nm

25 km/h

Frame	*Alu 29", hydroformed, tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket, internal cable routing, naked motor interface*
Fork	*Alu 29”, One piece, tapered 1"1/2 steerer, Post mount brake bracket*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Metropolis, 15T*
Rear Derailleur	*Shimano XT RD-M786 SGS, Shadow Plus*
Shifters Levers	*Shimano Deore SL-M610 Rapidfire-Plus, 10s*
Brakes	*Shimano Altus BR-M355, Rotor SM-RT20 180 mm F / 160 mm R*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu MTB*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 29”, 32h*
Stem	*Kyte Alu Oversize*
Handlebar	*Kyte Top Flat Alu Oversize, 680 mm*
Seatpost	*Kyte Alu 0-offset 31,6 mm*
Saddle	*Selle Royal Shadow*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*16” - 18” - 20”*
Colours	*Anthracite/Blue Matt*

Performance CX Cruise 400 Wh Nyon

Motor	*Brushless Bosch Performance CX Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*75 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 75 km in Sport* *Up to 60 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 210%* *Turbo: 300%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · ONE PIECE FORK · CX INTERFACE

B-Ware Run HF SL 29”

10S

WHISTLE

BOSCH

Kit Type *Performance CX Cruise*

Battery *400 Wh*



- Free maps
- Fitness
- Computer
- Wi-Fi

175 Km

75 Nm

25 km/h

Frame	*Alu 29", hydroformed, tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket, internal cable routing, naked motor interface*
Fork	*Alu 29”, One piece, tapered 1"1/2 steerer, Post mount brake bracket*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Metropolis, 15T*
Rear Derailleur	*Shimano XT RD-M786 SGS, Shadow Plus*
Shifters Levers	*Shimano Deore SL-M610 Rapidfire Plus, 10s*
Brakes	*Shimano Deore BR-M615, Rotor SM-RT54 180 mm F / 160 mm R*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu MTB*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 29”, 32h*
Stem	*Kyte Alu Oversize*
Handlebar	*Kyte Top Flat Alu Oversize, 680 mm*
Seatpost	*Kyte Alu 0-offset 31,6 mm*
Saddle	*Selle Royal Shadow*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*16” - 18” - 20”*
Colours	*Ultralight/Black Matt*

Performance CX Cruise 400 Wh Nyon

Motor	*Brushless Bosch Performance CX Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*75 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 75 km in Sport* *Up to 60 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 210%* *Turbo: 300%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · ONE PIECE FORK · CX INTERFACE

B-Cross Ride Naked HF S

9S

ATALA

BOSCH

Kit Type *Performance Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

175 Km

75 Nm

25 km/h

Frame	*Alu 29", hydroformed, tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket, internal cable routing*
Fork	*Alu 29", One piece, tapered 1"1/2 steerer, Post mount brake bracket*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Metropolis, 15T*
Rear Derailleur	*Shimano Altus RD-M370 SGS*
Shifters Levers	*Shimano Altus SL-M370, Rapidfire, 9s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG200 9s 11/34*
Pedals	*Alu MTB*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 29", 36h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Mach*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*16" - 18" - 20"*
Colours	*Black/White Matt*

Performance Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 80 km in Sport* *Up to 70 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 190%* *Turbo: 275%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · ONE PIECE FORK

B-Cross Ride HF S

9S

ATALA

BOSCH

Kit Type *Performance Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

175 Km

75 Nm

25 km/h

Frame	*Alu 29", hydroformed, tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket, internal cable routing*
Fork	*Alu 29", One piece, tapered 1"1/2 steerer, Post mount brake bracket*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Metropolis, 15T*
Rear Derailleur	*Shimano Altus RD-M370 SGS*
Shifters Levers	*Shimano Altus SL-M370, Rapidfire, 9s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG200 9s 11/34*
Pedals	*Alu MTB*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 29", 36h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Mach*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*16" - 18" - 20"*
Colours	*Anthracite/Blue Matt*

Performance Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 80 km in Sport* *Up to 70 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 190%* *Turbo: 275%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · ONE PIECE FORK

B-Ware Run Naked S 29”

9S

WHISTLE

BOSCH

Kit Type *Performance Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

175 Km

60 Nm

25 km/h

Frame	*Alu 29", tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket*
Fork	*Alu 29”, One piece, tapered 1"1/2 steerer, Post mount brake bracket*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Metropolis, 15T*
Rear Derailleur	*Shimano Altus RD-M370 SGS*
Shifters Levers	*Shimano Altus SL-M370, Rapidfire, 9s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG200 9s 11/34*
Pedals	*Alu MTB*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 29”, 36h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Mach*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*16” - 18” - 20”*
Colours	*Black/Neon Green Matt*

Performance Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 80 km in Sport* *Up to 70 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50% Tour: 120%* *Sport: 190% Turbo: 275%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · ONE PIECE FORK

B-Ware Run S 29”

9S

WHISTLE

BOSCH

Kit Type *Performance Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

175 Km

60 Nm

25 km/h

Frame	*Alu 29", tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket*
Fork	*Alu 29”, One piece, tapered 1"1/2 steerer, Post mount brake bracket*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Metropolis, 15T*
Rear Derailleur	*Shimano Altus RD-M370 SGS*
Shifters Levers	*Shimano Altus SL-M370, Rapidfire, 9s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG200 9s 11/34*
Pedals	*Alu MTB*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 29”, 36h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Mach*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*16” - 18” - 20”*
Colours	*Black/Neon Orange Matt*

Performance Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 80 km in Sport* *Up to 70 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50% Tour: 120%* *Sport: 190% Turbo: 275%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · ONE PIECE FORK

B-Cross Ride Naked

8S

ATALA

BOSCH

Kit Type *Active Cruise*

Battery *300 Wh*



- Gear advise
- km remaining

145 Km

52 Nm

25 km/h

Frame	*Alu 29", tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket*
Fork	*Alu 29", One piece, tapered 1"1/2 steerer, Post mount brake bracket*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Metropolis, 15T*
Rear Derailleur	*Shimano Altus RD-M310*
Shifters Levers	*Shimano Altus SL-M310, Rapidfire, 8s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG31 8s 11/32*
Pedals	*Alu MTB*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 29", 36h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Mach*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*16" - 18" - 20"*
Colours	*Black/Orange Matt*

Active Cruise 300 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 300, frametype, weight 2,4 kg*
Sensor	*Torque and pedal*
Range	*Up to 145 km in Eco* *Up to 85 km in Tour* *Up to 70 km in Sport* *Up to 65 km in Turbo*
Charge time	*Up to 2,5 hours*
Power	*Adjustable: 4 levels* *Eco: 40%* *Tour: 100%* *Sport: 150%* *Turbo: 225%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · ONE PIECE FORK

B-Cross Ride 29”

8S

ATALA

BOSCH

Kit Type *Active Cruise*

Battery *300 Wh*



- Gear advise
- km remaining

145 Km

52 Nm

25 km/h

Frame	*Alu 29", tapered 1"1/2 Head Tube, custom tubing, Post mount rear brake bracket*
Fork	*Alu 29", One piece, tapered 1"1/2 steerer, Post mount brake bracket*
Headset	*FSA No.57B tapered 1"1/2*
Crankset	*Fsa Metropolis, 15T*
Rear Derailleur	*Shimano Altus RD-M310*
Shifters Levers	*Shimano Altus SL-M310, Rapidfire, 8s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG31 8s 11/32*
Pedals	*Alu MTB*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 29", 36h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Mach*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*16" - 18" - 20"*
Colours	*Black/White Matt*

Active Cruise 300 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 300, frametype, weight 2,4 kg*
Sensor	*Torque and pedal*
Range	*Up to 145 km in Eco* *Up to 85 km in Tour* *Up to 70 km in Sport* *Up to 65 km in Turbo*
Charge time	*Up to 2,5 hours*
Power	*Adjustable: 4 levels* *Eco: 40%* *Tour: 100%* *Sport: 150%* *Turbo: 225%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · ONE PIECE FORK

B-Tour XSL Man

10S

ATALA

BOSCH

Kit Type *Performance Cruise*

Battery *400 Wh*



• Free maps • Fitness
• Computer • Wi-Fi

175 Km

60 Nm

25 km/h

Frame	*Alu TKK 700C, custom tubing, Post mount rear brake bracket*
Fork	*Suntour NEX HLO, with hydraulic lockout, Post mount brake bracket*
Headset	*Semi-integrated 1"1/8*
Crankset	*Fsa Metropolis, 18T*
Rear Derailleur	*Shimano XT RD-M786 SGS, Shadow Plus*
Shifters Levers	*Shimano Deore SL-M610 Rapidfire Plus, 10s*
Brakes	*Shimano Altus BR-M355, Rotor SM-RT20 160 mm F / 160 mm R*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu TKK*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 29", 32h*
Stem	*Byte Alu ahead adjustable*
Handlebar	*Byte Alu TKK*
Seatpost	*Byte Alu 31,6 mm, suspended*
Saddle	*Selle Royal Nuvola*
Tyres	*Schwalbe Marathon Plus, 700x38,5 mm punctureproof, reflex*
Size	*49 – 54 – 59*
Colours	*Anthracite/Acid Green Matt*

Performance Cruise 400 Wh Nyon

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 80 km in Sport* *Up to 70 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 190%* *Turbo: 275%*

INTEGRATED POSTMOUNT

INTERNAL CABLES

B-Tour XSL Lady

10S

ATALA

BOSCH

Kit Type *Performance Cruise*

Battery *400 Wh*



• Free maps • Fitness
• Computer • Wi-Fi

175 Km

60 Nm

25 km/h

Frame	*Alu TKK 700C, custom tubing, Post mount rear brake bracket*
Fork	*Suntour NEX HLO, with hydraulic lockout, Post mount brake bracket*
Headset	*Semi-integrated 1"1/8*
Crankset	*Fsa Metropolis, 18T*
Rear Derailleur	*Shimano XT RD-M786 SGS, Shadow Plus*
Shifters Levers	*Shimano Deore SL-M610 Rapidfire Plus, 10s*
Brakes	*Shimano Altus BR-M355, Rotor SM-RT20 160 mm F / 160 mm R*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu TKK*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 29", 32h*
Stem	*Byte Alu ahead adjustable*
Handlebar	*Byte Alu TKK*
Seatpost	*Byte Alu 31,6 mm, suspended*
Saddle	*Selle Royal Nuvola*
Tyres	*Schwalbe Marathon Plus, 700x38,5 mm punctureproof, reflex*
Size	*40 – 44 – 49*
Colours	*Anthracite/Drak Red Matt*

Performance Cruise 400 Wh Nyon

Motor	*Brushless Bosch Performance Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*550 W*
Maximum torque	*60 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco* *Up to 95 km in Tour* *Up to 80 km in Sport* *Up to 70 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 50%* *Tour: 120%* *Sport: 190%* *Turbo: 275%*

INTEGRATED POSTMOUNT

INTERNAL CABLES

B-Tour SL Man

9S

ATALA

BOSCH

Kit Type *Active Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

190 Km

52 Nm

25 km/h

Frame	*Alu TKK 700C, custom tubing, Post mount rear brake bracket*
Fork	*Suntour NEX, Post mount brake bracket*
Headset	*Semi-integrated 1"1/8*
Crankset	*Fsa Metropolis, 18T*
Rear Derailleur	*Shimano Deore RD-M592 SGS, Shadow*
Shifters Levers	*Shimano Altus SL-M370, Rapidfire, 9s*
Brakes	*Shimano Altus BR-M355, Rotor SM-RT20 160 mm F / 160 mm R*
Cassette	*Shimano CS-HG200 9s 11/34*
Pedals	*Alu TKK*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 29", 32h*
Stem	*Byte Alu ahead adjustable*
Handlebar	*Byte Alu TKK*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Wave RVS*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*49 – 54 – 59*
Colours	*Black/Anthracite Matt*

Active Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 190 km in Eco* *Up to 105 km in Tour* *Up to 90 km in Sport* *Up to 85 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 40% Tour: 100%* *Sport: 150% Turbo: 225%*

INTEGRATED POSTMOUNT

INTERNAL CABLES

B-Tour SL Lady

9S

ATALA

BOSCH

Kit Type *Active Cruise*

Battery *400 Wh*



- Gear advise
- km remaining

190 Km

52 Nm

25 km/h

Frame	*Alu TKK 700C, custom tubing, Post mount rear brake bracket*
Fork	*Suntour NEX, Post mount brake bracket*
Headset	*Semi-integrated 1"1/8*
Crankset	*Fsa Metropolis, 18T*
Rear Derailleur	*Shimano Deore RD-M592 SGS, Shadow*
Shifters Levers	*Shimano Altus SL-M370, Rapidfire, 9s*
Brakes	*Shimano Altus BR-M355, Rotor SM-RT20 160 mm F / 160 mm R*
Cassette	*Shimano CS-HG200 9s 11/34*
Pedals	*Alu TKK*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 29", 32h*
Stem	*Byte Alu ahead adjustable*
Handlebar	*Byte Alu TKK*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Wave RVS*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*40 – 44 – 49*
Colours	*Mahogany/Copper*

Active Cruise 400 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 400, frametype, weight 2,5 kg*
Sensor	*Torque and pedal*
Range	*Up to 190 km in Eco* *Up to 105 km in Tour* *Up to 90 km in Sport* *Up to 85 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco: 40% Tour: 100%* *Sport: 150% Turbo: 225%*

INTEGRATED POSTMOUNT

INTERNAL CABLES

B-Tour S Man

8S

ATALA

BOSCH

Kit Type *Active Cruise*

Battery *300 Wh*



- Gear advise
- km remaining

145 Km

52 Nm

25 km/h

Frame	*Alu TKK 700C, custom tubing, Post mount rear brake bracket*
Fork	*Hi-Ten Tig TKK 700c*
Headset	*Semi-integrated 1"1/8*
Crankset	*Fsa Metropolis, 18T*
Rear Derailleur	*Shimano Tourney RD-TX800 SGS*
Shifters Levers	*Shimano Tourney SL-RS45-8R, with OGD, RevoShift, 8s*
Brakes	*Tektro HD-M290, Rotor 160 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG200 8s 11/32*
Pedals	*Alu TKK*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 29", 36h*
Stem	*Byte Alu ahead adjustable*
Handlebar	*Byte Alu TKK*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Wave RVS*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*49 – 54 – 59*
Colours	*Blue/Ultralight Matt*

Active Cruise 300 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 300, frametype, weight 2 kg*
Sensor	*Torque and pedal*
Range	*Up to 145 km in Eco Up to 85 km in Tour Up to 70 km in Sport Up to 65 km in Turbo*
Charge time	*Up to 2,5 hours*
Power	*Adjustable: 4 levels Eco: 40% Tour: 100% Sport: 150% Turbo: 225%*

INTEGRATED POSTMOUNT

INTERNAL CABLES

B-Tour S Lady

8S

ATALA

BOSCH

Kit Type *Active Cruise*

Battery *300 Wh*



- Gear advise
- km remaining

145 Km

52 Nm

25 km/h

Frame	*Alu TKK 700C, custom tubing, Post mount rear brake bracket*
Fork	*Hi-Ten Tig TKK 700c*
Headset	*Semi-integrated 1"1/8*
Crankset	*Fsa Metropolis, 18T*
Rear Derailleur	*Shimano Tourney RD-TX800 SGS*
Shifters Levers	*Shimano Tourney SL-RS45-8R, with OGD, RevoShift, 8s*
Brakes	*Tektro HD-M290, Rotor 160 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG200 8s 11/32*
Pedals	*Alu TKK*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 29", 36h*
Stem	*Byte Alu ahead adjustable*
Handlebar	*Byte Alu TKK*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Wave RVS*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*40 – 44 – 49*
Colours	*Anthracite/Sky Matt*

Active Cruise 300 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 300, frametype, weight 2 kg*
Sensor	*Torque and pedal*
Range	*Up to 145 km in Eco Up to 85 km in Tour Up to 70 km in Sport Up to 65 km in Turbo*
Charge time	*Up to 2,5 hours*
Power	*Adjustable: 4 levels Eco: 40% Tour: 100% Sport: 150% Turbo: 225%*

INTEGRATED POSTMOUNT

INTERNAL CABLES

B-Tour Man

7S

ATALA

BOSCH

Kit Type *Active Cruise*

Battery *300 Wh*



- Gear advise
- km remaining

145 Km

52 Nm

25 km/h

Frame	*Alu TKK 700C, custom tubing, Post mount rear brake bracket*
Fork	*Hi-Ten Tig TKK 700c*
Headset	*Semi-integrated 1"1/8*
Crankset	*Fsa Metropolis, 18T*
Rear Derailleur	*Shimano Tourney RD-TX35*
Shifters Levers	*Shimano Tourney SL-RS36, RevoShift, 7s*
Brakes	*Tektro HD-M290, Rotor 160 mm F / 160 mm R INT*
Freewheel	*Shimano MF-TZ21 7s 14-28*
Pedals	*Alu TKK*
Hubs	*Alu, INT, 32h*
Rims	*Ambrosio Pulse, 29", 32h*
Stem	*Byte Alu ahead adjustable*
Handlebar	*Byte Alu TKK*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Wave RVS*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*49 – 54 – 59*
Colours	*Ultralight/Black Matt*

Active Cruise 300 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 300, frametype, weight 2 kg*
Sensor	*Torque and pedal*
Range	*Up to 145 km in Eco Up to 85 km in Tour Up to 70 km in Sport Up to 65 km in Turbo*
Charge time	*Up to 2,5 hours*
Power	*Adjustable: 4 levels Eco: 40% Tour: 100% Sport: 150% Turbo: 225%*

INTEGRATED POSTMOUNT

INTERNAL CABLES

B-Tour Lady

7S

ATALA

BOSCH

Kit Type *Active Cruise*

Battery *300 Wh*



- Gear advise
- km remaining

145 Km

52 Nm

25 km/h

Frame	*Alu TKK 700C, custom tubing, Post mount rear brake bracket*
Fork	*Hi-Ten Tig TKK 700c*
Headset	*Semi-integrated 1"1/8*
Crankset	*Fsa Metropolis, 18T*
Rear Derailleur	*Shimano Tourney RD-TX35*
Shifters Levers	*Shimano Tourney SL-RS36, RevoShift, 7s*
Brakes	*Tektro HD-M290, Rotor 160 mm F / 160 mm R INT*
Freewheel	*Shimano MF-TZ21 7s 14-28*
Pedals	*Alu TKK*
Hubs	*Alu, INT, 32h*
Rims	*Ambrosio Pulse, 29", 32h*
Stem	*Byte Alu ahead adjustable*
Handlebar	*Byte Alu TKK*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Wave RVS*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*40 – 44 – 49*
Colours	*Black/White Matt*

Active Cruise 300 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 300, frametype, weight 2 kg*
Sensor	*Torque and pedal*
Range	*Up to 145 km in Eco Up to 85 km in Tour Up to 70 km in Sport Up to 65 km in Turbo*
Charge time	*Up to 2,5 hours*
Power	*Adjustable: 4 levels Eco: 40% Tour: 100% Sport: 150% Turbo: 225%*

INTEGRATED POSTMOUNT

INTERNAL CABLES

B-You

7S

WHISTLE

BOSCH

Kit Type *Active Cruise*

Battery *300 Wh*



- Gear advise
- km remaining

145 Km

52 Nm

25 km/h

Frame	*Alu Easy Access 700c*
Fork	*Suntour NEX HLO P-700C, with Hydraulic lockout*
Headset	*Semi-integrated 1"1/8*
Crankset	*FSA Metropolis, 18T*
Rear Derailleur	*Shimano Nexus 7R, internal hub*
Shifters Levers	*Shimano Nexus SL-7S31, RevoShift, 7s*
Brakes	*Magura Hydraulic Rim brakes*
Freewheel	*Shimano 20T*
Pedals	*Alu TKK*
Hubs	*Alu, 36h, Quick Release*
Rims	*Alu double/wall, 36h, V-brake*
Stem	*Byte ahead Alu, adjustable*
Handlebar	*Byte Alu City*
Seatpost	*Byte Alu 27,2 mm Suspended*
Saddle	*Selle Royal Freeway SlowFoamFit*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*48*
Colours	*Anthracite/Dark Red Matt*

Active Cruise 300 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 300, racktype, weight 2,4 kg*
Sensor	*Torque and pedal*
Range	*Up to 145 km in Eco Up to 85 km in Tour Up to 70 km in Sport Up to 65 km in Turbo*
Charge time	*Up to 2,5 hours*
Power	*Adjustable: 4 levels Eco: 40% Tour: 100% Sport: 150% Turbo: 225%*

INTERNAL CABLES

E-Xtra

7S

WHISTLE

BOSCH

Kit Type *Active Cruise*

Battery *300 Wh*



- Gear advise
- km remaining

145 Km

52 Nm

25 km/h

Frame	*Alu Easy Access 700c*
Fork	*Suntour CR-8V 700c*
Headset	*Semi-integrated 1"1/8*
Crankset	*FSA Metropolis, 18T*
Rear Derailleur	*Shimano Altus RD-M280*
Shifters Levers	*Shimano Tourney SL-RS36, RevoShift, 7s*
Brakes	*Alu V-Brake*
Freewheel	*Shimano MF-TZ21 7s 14-28*
Pedals	*Alu TKK*
Hubs	*Alu, 36h, Quick Release*
Rims	*Alu double/wall, 36h, V-brake*
Stem	*Byte ahead Alu, adjustable*
Handlebar	*Byte Alu City*
Seatpost	*Byte Alu 27,2 mm*
Saddle	*Selle Royal Wave*
Tyres	*Byte Verona 700x38*
Size	*S – M*
Colours	*White*

Active Cruise 300 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 300, racktype, weight 2,4 kg*
Sensor	*Torque and pedal*
Range	*Up to 145 km in Eco Up to 85 km in Tour Up to 70 km in Sport Up to 65 km in Turbo*
Charge time	*Up to 2,5 hours*
Power	*Adjustable: 4 levels Eco: 40% Tour: 100% Sport: 150% Turbo: 225%*

INTERNAL CABLES

B-Easy SL

7S

ATALA

BOSCH

Kit Type *Active Cruise*

Battery *300 Wh*



- Gear advise
- km remaining

145 Km

52 Nm

25 km/h

Frame	*Alu Easy Access 700c*
Fork	*Suntour NEX HLO P-700C, with Hydraulic lockout*
Headset	*Semi-integrated 1"1/8*
Crankset	*FSA Metropolis, 18T*
Rear Derailleur	*Shimano Nexus 7R, internal hub*
Shifters Levers	*Shimano Nexus SL-7S31, RevoShift, 7s*
Brakes	*Magura Hydraulic Rim brakes*
Freewheel	*Shimano 20T*
Pedals	*Alu TKK*
Hubs	*Alu, 36h, Quick Release*
Rims	*Alu double/wall, 36h, V-brake*
Stem	*Byte ahead Alu, adjustable*
Handlebar	*Byte Alu City*
Seatpost	*Byte Alu 27,2 mm Suspended*
Saddle	*Selle Royal Freeway SlowFoamFit*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*48*
Colours	*Anthracite/Dark Red Matt*

Active Cruise 300 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 300, racktype, weight 2,4 kg*
Sensor	*Torque and pedal*
Range	*Up to 145 km in Eco Up to 85 km in Tour Up to 70 km in Sport Up to 65 km in Turbo*
Charge time	*Up to 2,5 hours*
Power	*Adjustable: 4 levels Eco: 40% Tour: 100% Sport: 150% Turbo: 225%*

INTERNAL CABLES

B-Easy S

8S

ATALA

BOSCH

Kit Type *Active Cruise*

Battery *300 Wh*



- Gear advise
- km remaining

145 Km

52 Nm

25 km/h

Frame	*Alu Easy Access 700c*
Fork	*Hi-Ten Tig TKK 700c*
Headset	*Semi-integrated 1"1/8*
Crankset	*FSA Metropolis, 18T*
Rear Derailleur	*Shimano Altus RD-M280 SGS*
Shifters Levers	*Shimano Tourney SL-RS45-8R, with OGD, RevoShift, 8s*
Brakes	*Tektro HD-M290, Rotor 160 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG31 8s 11/32*
Pedals	*Alu TKK*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 29", 36h*
Stem	*Byte ahead Alu, adjustable*
Handlebar	*Byte Alu City*
Seatpost	*Byte Alu 27,2 mm*
Saddle	*Selle Royal Wave RVS*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*45 – 50*
Colours	*Ultralight/Black*

Active Cruise 300 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 300, racktype, weight 2,4 kg*
Sensor	*Torque and pedal*
Range	*Up to 145 km in Eco Up to 85 km in Tour Up to 70 km in Sport Up to 65 km in Turbo*
Charge time	*Up to 2,5 hours*
Power	*Adjustable: 4 levels Eco: 40% Tour: 100% Sport: 150% Turbo: 225%*

INTERNAL CABLES

B-Easy

7S

ATALA

BOSCH

Kit Type *Active Cruise*

Battery *300 Wh*



- Gear advise
- km remaining

145 Km

52 Nm

25 km/h

BEST MARKET PRICE

Frame	*Alu Easy Access 700c*
Fork	*Hi-Ten Tig TKK 700c*
Headset	*Semi-integrated 1"1/8*
Crankset	*FSA Metropolis, 18T*
Rear Derailleur	*Shimano Tourney RD-TX35*
Shifters Levers	*Shimano Tourney SL-RS36, RevoShift, 7s*
Brakes	*Alu V-Brake*
Freewheel	*Shimano MF-TZ21 7s 14-28*
Pedals	*Alu TKK*
Wheels	*Alu double wall with eyelets, 36h, Quick release*
Stem	*Byte ahead Alu, adjustable*
Handlebar	*Byte Alu City*
Seatpost	*Byte Alu 27,2 mm*
Saddle	*Selle Royal Wave RVS*
Tyres	*Michelin Protek 700x40, reflex, punctureproof*
Size	*45 – 50*
Colours	*Anthracite/Dark Red Matt*

Active Cruise 300 Wh Intuvia

Motor	*Brushless Bosch Active Line, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*400 W*
Maximum torque	*52 Nm*
Battery	*Powerpack 300, racktype, weight 2,4 kg*
Sensor	*Torque and pedal*
Range	*Up to 145 km in Eco Up to 85 km in Tour Up to 70 km in Sport Up to 65 km in Turbo*
Charge time	*Up to 2,5 hours*
Power	*Adjustable: 4 levels Eco: 40% Tour: 100% Sport: 150% Turbo: 225%*

INTERNAL CABLES

B-Easy LTD

7S

ATALA

BOSCH

Kit Type *Classic+*

Battery *400 Wh*



- Gear advise
- km remaining

145 Km

50 Nm

25 km/h

BEST MARKET PRICE

Frame	*Alu Easy Access 700c*
Fork	*Hi-Ten Tig TKK 700c*
Headset	*Semi-integrated 1"1/8*
Crankset	*Miranda Beta 38T*
Rear Derailleur	*Shimano Nexus 7R, internal hub*
Shifters Levers	*Shimano Nexus SL-7S31, RevoShift, 7s*
Brakes	*Alu V-Brake*
Freewheel	*Shimano 20T*
Pedals	*Alu TKK*
Wheels	*Alu double wall with eyelets, 36h, Quick release, Shimano front hub*
Stem	*Byte Alu, adjustable*
Handlebar	*Byte Alu City*
Seatpost	*Byte Alu 27,2 mm*
Saddle	*Selle Royal FreeWay*
Tyres	*Schwalbe Energizer 700x38, reflex, punctureproof*
Size	*46*
Colours	*Black Matt*

Classic+ 400 Wh Intuvia

Motor	*Brushless Classi+, 36 V, on the bottom bracket*
Nominal power	*250 W*
Peak power	*500 W*
Maximum torque	*50 Nm*
Battery	*Powerpack 400, rackype, weight 2,6 kg*
Sensor	*Torque and pedal*
Range	*Up to 175 km in Eco Up to 95 km in Tour Up to 80 km in Sport Up to 70 km in Turbo*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels Eco: 30% Tour: 100% Sport: 170% Turbo: 250%*

INTERNAL CABLES

YAMAHA
Dolce e potente

Il concept da cui è nato il sistema elettrico PW di Yamaha è: “dolce e potente”. Oltre a fornire il livello di assistenza elettrico adeguato, come si aspetta la maggior parte degli utenti eBike, il sistema è dotato di un supporto potente e un “feeling di guida naturale” adatto anche alle velocità più elevate.
La tecnologia a tre sensori è ciò che ha permesso di realizzare il feeling di guida naturale ed è stata parte fondamentale dello sviluppo Yamaha sin dall’inizio del progetto.

Uno degli obiettivi del sistema Yamaha PW è quello di fare breccia nel cuore degli atleti, dei ciclisti sportivi così come negli utenti quotidiani della bici. Per questo, sono disponibili diverse varianti del sistema elettrico, per garantire a tutti la scelta più corretta.



Drive unit PW: l’unità motore centrale leggera e compatta
Due sono i vantaggi nell’utilizzo del motore centrale: la possibilità di utilizzare i rapporti al cambio di cui è dotata la bicicletta, che permettono un utilizzo ottimale del motore, mantenendo numero di giri ed efficienza elevati; la distribuzione dei pesi: la centralizzazione delle masse porta ad un bilancio dei pesi più naturale, rendendo la bicicletta a pedalata assistita più simile ad una tradizionale senza motore.

Yamaha ha realizzato una delle più piccole e leggere unità motrici al mondo, utilizzando il sistema a trasmissione diretta che permette di ridurre peso e dimensioni.
Il motore ad alta potenza ha una coppia elevata anche a bassi valori di cadenza rendendo l’assistenza, su pendenze elevate e strade sterrate anche in condizioni difficili, estremamente potente.



Smooth and powerful

The overall concept for the PWseries is “smooth and powerful”. While providing the smooth electric-assist to the e-Bike users, our systems are equipped with powerful support and a natural, “organic” assist feel in the high speed range as well. The “triple sensor system” is what enables this “organic assist feel” that has been part of Yamaha’s development philosophy from the start.

One aim of the PWseries is to win over the hearts of athletic, sporty cyclists, in addition to the every-day users. That’s why different versions of the electric system are available: to ensure the best choice for everyone.

The compact, light weight center mount unit
There are two main advantages in center mount type units. First, the gears originally equipped to the bicycle can be used as a part of e-Bike systems, allowing an optimal motor performance.
Second, the weight distribution. Centralization of mass leads to a natural weight balance while riding and while stopped, retaining the superior weight distribution of a bicycle.

Yamaha have succeeded in developing one of the world’s smallest and lightest drive units. This involves the direct transmission of the motor power to the crankshaft, providing for a minimal exterior design.
The high-power motor has high amounts of low-down torque, making electrical assist on hills and gravel roads – under the hardest of conditions - extremely powerful.

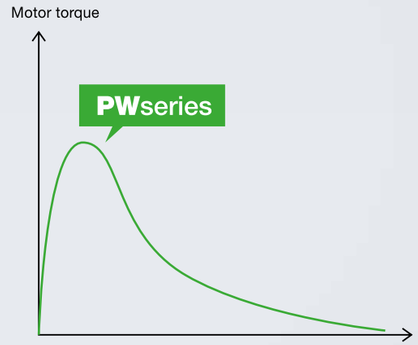
Tre sensori per una sensazione “dolce e potente”
I tre sensori sono: **1.** un sensore di coppia che misura la forza con cui il ciclista spinge sui pedali, **2.** un sensore di velocità che misura la velocità istantanea della bicicletta e **3.** un sensore di cadenza che misura il numero di rotazioni al minuto della guarnitura. La combinazione dei valori letti dai sensori permette al sistema di conoscere le condizioni di marcia e i movimenti del ciclista con precisione, rendendo possibile una gestione “dolce e potente” dell’assistenza.

Modalità di potenza
5 sono le modalità di potenza selezionabili per avere a disposizione la potenza giusta in ogni condizione: **High**: assistenza potente e costante. Perfetta per pedalate in salita. **Standard (STD)**: soddisfa sia le necessità di potenza che quelle di autonomia. Consigliato per un utilizzo quotidiano. **Eco**: ridotto consumo di energia per autonomia elevata. Si ottengono le prestazioni migliori pedalando su strada pianeggiante. **Eco+**: supporto minimo per ottenere i massimi valori di autonomia. **Off**: permette di pedalare senza il supporto del motore, lasciando attive le funzioni di crociera del display.

Funzione “Zero cadence support” e guarnitura doppia
Grazie alla funzionalità “Zero cadence support” il motore assiste il ciclista sin dalla prima pedalata. Combinata con una coppia massima di 80 Nm il sistema genera un’esperienza incredibilmente dinamica e potente. La Drive unit Yamaha è una delle poche a poter essere equipaggiata con una guarnitura doppia, migliorando ulteriormente le prestazioni in salita.

Display: tutto sotto controllo
Il display LCD rimovibile è progettato per soddisfare tutte le tipologie di utilizzo della bicicletta, dalla passeggiata fino al percorso off-road più impegnativo. Il layout verticale e la retroilluminazione migliorano la leggibilità in tutte le condizioni e permettono di aumentare la dimensione delle informazioni più importanti. Il comando remoto sulla manopola sinistra aumenta l’ergonomia e la sicurezza del sistema.



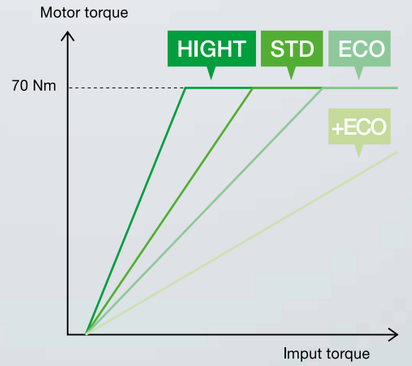


Three sensors to a “smooth and powerful” feeling
*The three sensors refer to: **1.** a torque sensor that detects pedaling power, **2.** a speed sensor that detects the bicycle’s speed, and **3.** a crank sensor that detects the number of rotations through pedaling. The sensors instantly detect the running conditions and the movement of the rider with precision, allowing a smooth and powerful assist.*

Assist modes
*Five assist modes are available so that the optimum assist level can be selected according to the use. **High**: Provides a constant and powerful assistance. Perfect for riding uphill. **Standard (STD)**: Satisfies both power and cruising range. Recommended for daily use. **Eco**: Saves energy for an extended cruising range. Best used when cruising on a flat road. **Eco+**: minimal support to get achieve maximum range. **Off**: Allows you to ride without power assist while switch functions remain enabled.*

Zero-cadence support and double chainwheel
Thanks to Zero-cadence support function the motor assist the rider since first stroke. Combined with maximum torque of 80 Nm, the system generates an incredible dynamic and powerful experience. Yamaha Drive Unit is one of the few on the market that can be equipped with double chainwheel, further improving uphill performances.

Display: all under control
The removable LCD display is designed to satisfy all the ebike different uses, from stroll to the hardest off-road trail. Vertical layout and backlight improve the readability in all riding conditions and allow to increase the dimension of most important information. The remote control on left grip increase ergonomics and safety of the system.



Y-Vor S

20S

CARRARO

YAMAHA

Kit Type *Yamaha PW*

Battery *400 Wh*



- Cadence meter
- km remaining

140 Km

70 Nm

25 km/h

Frame	*Alu 27,5",tapered 1"1/2 Head Tube, Post mount rear brake caliper, Rear travel 120 mm, Yamaha PW motor interface*
Fork	*Rock Shox Recon Silver 27,5", 120 mm, Tapered, E-Thru 15mm, Remote Lockout*
Rear Shock	*Rock Shox Monarch R, 44 mm*
Headset	*FSA Orbit C40*
Crankset	*Fsa Dyna Drive, 42-32T*
Rear Derailleur	*Shimano SLX RD-M670 SGS, Shadow*
Front Derailleur	*Shimano Deore FD-M611, Down Swing, Dual pull*
Shifters Levers	*Shimano Deore SL-M610 10x2s*
Brakes	*Shimano BR-M355 hydraulic disc, Rotor SM-RT30 180mm F/ 180mm R*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu MTB*
Hubs	*Shimano Deore M615, E-Thru 15mm F /M33 QR R, CL, 32h*
Rims	*Ambrosio Pulse, 27,5", 32h*
Stem	*Kyte Alu Oversize*
Handlebar	*Kyte Top Flat Alu Oversize, 720 mm*
Seatpost	*Kyte Alu 31,6 mm*
Saddle	*Selle Royal Shadow*
Tyres	*Schwalbe Smart Sam Performance 27,5x2,25*
Size	*16" - 18" - 20"*
Colours	*Black/Sky Matt*

Yamaha PW

Motor	*Brushless Yamaha 36 V, 250 W, on the bottom bracket*
Maximum torque	*80 Nm*
Battery	*Yamaha frametype, 400 Wh, weight 2,9 kg*
Sensor	*Torque and speed*
Range	*Up to 140 km in Eco+ Up to 110 km in Eco Up to 85 km in Standard Up to 70 km in High*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco+: 50%* *Eco: 90%* *Standard: 190%* *High: 280%*

INTEGRATED POSTMOUNT · TAPERED STEERER · THRUAXLE FRONT · INTERNAL CABLES · REMOTE LOCKOUT

Y-Vor

10S

CARRARO

YAMAHA

Kit Type *Yamaha PW*

Battery *400 Wh*



- Cadence meter
- km remaining

140 Km

70 Nm

25 km/h

Frame	*Alu 27,5",tapered 1"1/2 Head Tube, Post mount rear brake caliper, Rear travel 120 mm, Yamaha PW motor interface*
Fork	*Suntour XCR 32 RL 27,5", 120 mm, with remote lockout*
Rear Shock	*Rock Shox Monarch R, 44 mm*
Headset	*FSA Orbit C40*
Crankset	*Fsa Dyna Drive, 38T*
Rear Derailleur	*Shimano Deore RD-M610 SGS, Shadow*
Shifters Levers	*Shimano Deore SL-M610, 10s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu MTB*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse, 27,5", 32h*
Stem	*Kyte Alu Oversize*
Handlebar	*Kyte Top Flat Alu Oversize, 720 mm*
Seatpost	*Kyte Alu 31,6 mm*
Saddle	*Selle Royal Viper RVS*
Tyres	*Kyte Manghen 27,5x2,25*
Size	*16" - 18" - 20"*
Colours	*Black/Sky Matt*

Yamaha PW

Motor	*Brushless Yamaha 36 V, 250 W, on the bottom bracket*
Maximum torque	*80 Nm*
Battery	*Yamaha frametype, 400 Wh, weight 2,9 kg*
Sensor	*Torque and speed*
Range	*Up to 140 km in Eco+ Up to 110 km in Eco Up to 85 km in Standard Up to 70 km in High*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco+: 50%* *Eco: 90%* *Standard: 190%* *High: 280%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES · REMOTE LOCKOUT

Y-Max

20S

CARRARO

YAMAHA

Kit Type *Yamaha PW*

Battery *400 Wh*



- Cadence meter
- km remaining

140 Km

70 Nm

25 km/h

Frame	*Alu 27,5",custom tubing, tapered 1"1/2 Head Tube, Post mount rear brake caliper, Yamaha PW motor interface*
Fork	*Suntour XCR 32 RL 27,5", with remote lockout,E-thru 15mm*
Headset	*FSA Orbit C40*
Crankset	*Fsa Dyna Drive, 42-32T*
Rear Derailleur	*Shimano XT RD-M786 SGS, Shadow Plus*
Front Derailleur	*Shimano Deore FD-M611, Down Swing, Dual pull*
Shifters Levers	*Shimano Deore SL-M610 10x2s*
Brakes	*Shimano BR-M355 hydraulic disc, Rotor SM-RT20 180mm F/ 160mm R*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu MTB*
Hubs	*Shimano Deore M615, E-Thru 15mm F /M33 QR R, CL, 32h*
Rims	*Ambrosio Pulse, 27,5", 32h*
Stem	*Kyte Alu Oversize*
Handlebar	*Kyte Top Flat Alu Oversize, 720 mm*
Seatpost	*Kyte Alu 31,6 mm*
Saddle	*Selle Royal Shadow*
Tyres	*Schwalbe Smart Sam Performance 27,5x2,25*
Size	*16" - 18" - 20"*
Colours	*Black/Blue Matt*

Yamaha PW

Motor	*Brushless Yamaha 36 V, 250 W, on the bottom bracket*
Maximum torque	*80 Nm*
Battery	*Yamaha frametype, 400 Wh, weight 2,9 kg*
Sensor	*Torque and speed*
Range	*Up to 140 km in Eco+* *Up to 110 km in Eco* *Up to 85 km in Standard* *Up to 70 km in High*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels* *Eco+: 50%* *Eco: 90%* *Standard: 190%* *High: 280%*

INTEGRATED POSTMOUNT | TAPERED STEERER | THRUAXLE FRONT | INTERNAL CABLES | REMOTE LOCKOUT

Batterie Yamaha *Yamaha battery*

Posizione sulla bici	*Battery configuration*	Telaio *Frame*
Modello di batteria	*Battery model*	Yamaha 400
Tensione [V]	*Voltage [V]*	36
Capacità [Ah]	*Capacity [Ah]*	11,6
Contenuto energetico [Wh]	*Energy content [Wh]*	400
Peso [kg]	*Weight [kg]*	2,9
Densità energetica [Wh/kg]	*Energy density [Wh/kg]*	138
Tempo di ricarica [h]	*Recharge time [h]*	3,5
Cicli di carica	*Charge cycles*	700

Caricabatterie Yamaha *Yamaha Charger*

Corrente di carica [A]	*Charging current [A]*	3,6
Tensione di alimentazione [V]	*Voltage range [V]*	230
Dimensioni [mm]	*Dimensions [mm]*	200 x 100 x 70
Connettore	*Plug*	Universale europeo European universal
Peso [kg]	*Weight [kg]*	0,8

Motore Yamaha *Yamaha Drive Unit*

Linea prodotto	*Product Line*	PW Series
Potenza nominale [W]	*Nominal power [W]*	250
Livello di supporto [%]:	*Support level [%]:*	
High	*High*	280
Standard	*Standard*	190
Eco	*Eco*	90
Eco+	*Eco+*	50
Coppia massima [Nm]	*Maximum drive torque [Nm]*	80
Coppia nominale [Nm]	*Nominal driver torque [Nm]*	70
Peso [kg]	*Weight [kg]*	3,5
Velocità massima assistita [km/h]	*Maximum assisted speed [km/h]*	25

Display Yamaha *Yamaha Display*

LCD Display	*LCD Display*	√
Retroilluminazione	*Backlight*	√
Velocità istantanea [km/h]	*Current speed [km/h]*	√
Velocità media [km/h]	*Average speed [km/h]*	√
Velocità massima [km/h]	*Maximum speed [km/h]*	√
Distanza totale [km]	*Total distance [km]*	√
Distanza parziale [km]	*Trip distance [km]*	√
Tempo totale	*Total time*	√
Orologio	*Clock*	√
Livelli di supporto	*Support level*	5
Livello senza supporto	*Level without support*	√
Barre potenza istantanea	*Current power bars*	√
Barre stato di carica	*Charge status bars*	√
Comando remoto	*Remote control*	√
Cadenza	*Cadence*	√

Yonder

10S

ATALA

YAMAHA

Kit Type *Yamaha PW*

Battery *400 Wh*

- Cadence meter
- km remaining

140 Km

70 Nm

25 km/h



Frame	*Alu 27,5",custom tubing, tapered 1"1/2 Head Tube, Post mount rear brake caliper, Yamaha PW motor interface*
Fork	*Suntour XCT DS 27, 100 mm, 1"1/8*
Headset	*FSA Orbit C40*
Crankset	*Fsa Dyna Drive, 38T*
Rear Derailleur	*Shimano Deore RD-M610 SGS, Shadow*
Shifters Levers	*Shimano Deore SL-M610 10x2s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG50 10s 11/36*
Pedals	*Alu MTB*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 27,5", 36h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Mach*
Tyres	*Byte Plose 27,5x2,10*
Size	*16" - 18" - 20"*
Colours	*Black/Blue/Neon Red Matt*

Yamaha PW

Motor	*Brushless Yamaha 36 V, 250 W, on the bottom bracket*
Maximum torque	*80 Nm*
Battery	*Yamaha frametype, 400 Wh, weight 2,9 kg*
Sensor	*Torque and speed*
Range	*Up to 140 km in Eco+ Up to 110 km in Eco Up to 85 km in Standard Up to 70 km in High*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels Eco+: 50% Eco: 90% Standard: 190% High: 280%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES

Youth

9S

ATALA

YAMAHA

Kit Type *Yamaha PW*

Battery *400 Wh*

- Cadence meter
- km remaining

140 Km

70 Nm

25 km/h



Frame	*Alu 27,5",custom tubing, tapered 1"1/2 Head Tube, Post mount rear brake caliper, Yamaha PW motor interface*
Fork	*Suntour XCT DS 27, 100 mm, 1"1/8*
Headset	*FSA Orbit C40*
Crankset	*Fsa Dyna Drive, 38T*
Rear Derailleur	*Shimano Altus RD-M370 SGS*
Shifters Levers	*Shimano Altus SL-M370, Rapidfire, 9s*
Brakes	*Tektro HD-M290, Rotor 180 mm F / 160 mm R INT*
Cassette	*Shimano CS-HG200 9s 11/34*
Pedals	*Alu MTB*
Hubs	*Shimano M475, INT, 36h*
Rims	*Ambrosio Pulse, 27,5", 36h*
Stem	*Byte Alu Oversize*
Handlebar	*Byte Flat Alu Oversize, 680 mm*
Seatpost	*Byte Alu 31,6 mm*
Saddle	*Selle Royal Mach*
Tyres	*Byte Plose 27,5x2,10*
Size	*16" - 18" - 20"*
Colours	*Black/Neon Green Matt*

Yamaha PW

Motor	*Brushless Yamaha 36 V, 250 W, on the bottom bracket*
Maximum torque	*80 Nm*
Battery	*Yamaha frametype, 400 Wh, weight 2,9 kg*
Sensor	*Torque and speed*
Range	*Up to 140 km in Eco+ Up to 110 km in Eco Up to 85 km in Standard Up to 70 km in High*
Charge time	*Up to 3,5 hours*
Power	*Adjustable: 4 levels Eco+: 50% Eco: 90% Standard: 190% High: 280%*

INTEGRATED POSTMOUNT · TAPERED STEERER · INTERNAL CABLES

SHIMANO STEPS
Arrivare lontano con meno energia

Il lancio di Shimano STEPS (Shimano Total Electric Power System) conferisce alle eBike un nuovo livello di design integrato, funzionamento perfetto e prestazioni senza sforzo.
Sin dalla sua fondazione, quasi 100 anni fa, Shimano è specialista nella componentistica per biciclette; il primissimo prodotto dell'azienda fu, nel 1921, un meccanismo di ruota libera per biciclette. Shimano conosce le bici: l'alimentazione delle eBike non potrebbe essere in mani migliori.

Unità di trasmissione: fluidità nella pedalata
Scoprite le prestazioni di una eBike di alto livello. Shimano STEPS porta il piacere dell'eBike ancora "più in alto" con un equilibrio ottimale tra autonomia, prestazioni, leggerezza e silenziosità. L'unità di trasmissione integra sensori che raccolgono informazioni su coppia, velocità e cadenza, così il sistema può garantire una potenza di pedalata fluida e perfettamente bilanciata.

System Component Design
L'unità di trasmissione da 3,2 kg è elegante, compatta e leggera. Le dimensioni ridotte garantiscono una silhouette più elegante e aumentano la distanza dal terreno. Questo, insieme al design ultraleggero e al baricentro ribassato, rendono la bicicletta più stabile e adatta per giovani e meno giovani.

Modalità di servo-assistenza Walk
Questa funzione fornisce servo-assistenza fino alla velocità di 6 km/h senza necessità di esercitare pressione sui pedali. Ciò risulta particolarmente utile quando occorre spingere la bici lungo una forte pendenza, ad esempio la rampa di un garage. Il funzionamento è semplice, grazie all'interruttore dalla forma ergonomica.

Shimano STEPS è un sistema costruito su una centralina montata sul telaio. Integrando la centralina attorno al movimento centrale, il peso è posizionato vicino a terra e il mezzo è più facile da maneggiare. I componenti elettronici fondamentali sono integrati nella centralina: un sistema affidabile e resistente agli agenti atmosferici. Il sistema Shimano STEPS è leggero, ha un gruppo batteria agli ioni di litio ad elevata capacità e un sistema intelligente di gestione dell'alimentazione: si percorreranno distanze mai immaginate prima, è la mentalità che distingue Shimano STEPS.

Modalità	*High*	*Normal*	*Eco*
Potenza di picco [W]	*500 W*	*500 W*	*500 W*
Coppia massima [Nm]	*50 Nm*	*40 Nm*	*30 Nm*
Livello di assistenza	*230%*	*150%*	*70%*

Go farther with less energy

The launch of Shimano STEPS (Shimano Total Electric Power System) brings a new level of integrated design, seamless operation and effortless performance to eBikes. Shimano has specialised in cycle components since it was founded almost 100 years ago – the company's very first product was a bicycle freewheel, in 1921. Shimano knows bikes. Who better than him to power your e-bike?

Drive unit: smooth pedaling
Discover the performance of a high-level eBike.
Shimano STEPS brings pleasure of eBike even higher with an optimal balance between range, performance, light weight and low noise. The drive unit integrates sensors that collect information on torque, speed, cadence, and position of the pedal crank, so the system can ensure a smooth and perfectly balanced pedaling power.

System Component Design
The 3,2 kg drive unit is sleek, compact and lightweight. The small size ensures a more elegant silhouette and increase the ground clearance. This, together with the lightweight design and the low center of gravity, make eBike more stable and suitable for young and old.

Walk assistance
This function provides power assistance up to the speed of 6 km/h without the need to push on pedals. This is particularly useful when you need to push the bike along a steep slope, such as the ramp of a parking garage. Operation is simple, thanks to the ergonomic shape of the switch.

Shimano STEPS is a system built around a frame-mounted drive unit. By integrating the drive unit around the bottom bracket area, the weight is positioned low in the frame for easier handling. The essential electronics are incorporated in the drive unit, making for a reliable and weatherproof system. The Shimano STEPS system is light weight, has a large capacity lithium-ion battery pack and an intelligent power management system.
It will bring you further than ever before. It's this kind of thinking that sets Shimano STEPS apart.

Mode	*High*	*Normal*	*Eco*
Pear power [W]	*500 W*	*500 W*	*500 W*
Max torque [Nm]	*50 Nm*	*40 Nm*	*30 Nm*
Assist mode	*230%*	*150%*	*70%*

Batteria BT-E6000: la fonte di energia
Il sistema Shimano STEPS si avvale di una batteria ad elevata capacità, 418 Wh e lunga durata che garantisce elevata potenza anche dopo 1000 ricariche. Progettata per affrontare tutte le stagioni e tutte le condizioni, questa batteria funziona in modo ottimale con tempo freddo o caldo.
La batteria più essere ricaricata completamente in sole 4 ore; inoltre con una carica completa si possono percorrere circa 60-125 km a seconda della modalità selezionata.

Display
Il sistema Shimano STEPS è dotato di un display di dimensioni ridotte per non essere invasivo nella struttura del manubrio, è retroilluminato per essere sempre ben visibile in tutte le condizioni di illuminazione e non è dotato di pulsanti.
Le informazioni disponibili, oltre a quelle già presenti nei normali ciclo-computer, sono tutte quelle necessarie per rendere più facile la gestione della servo-assistenza: modalità di potenza, stato di carica della batteria, autonomia stimata. Tutte le operazioni possono essere eseguite tramite un comando remoto posto in prossimità della manopola sinistra, studiato specificatamente per migliorare la sicurezza permettendo di mantenere le mani sul manubrio in ogni situazione.

Progetto E-Tube
Come per le biciclette con cambio elettronico Di2, il sistema Shimano STEPS offre un rapido e veloce accesso al portale E-Tube. Il rivenditore può collegare la bicicletta ad un pc con attivo il software specifico ed eseguire gli aggiornamenti firmware, verificare lo stato e diagnosticare eventuali errori.

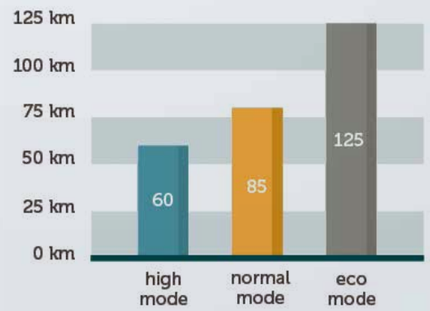


Battery: the energy source
The Shimano STEPS system is equipped by a high-capacity, 418 Wh, and long life battery which ensure high power even after 1000 charges. Designed to address all seasons and all conditions, this battery works optimally in cold or hot.
The battery can be fully recharged in 4 hours, moreover with a full charge you can travel about 60 to 125 km depending on the mode selected.

Display
The Shimano STEPS system is equipped with a small display, for not being invasive in the structure of the handlebar, it is backlit to be always well visible under all lighting conditions and is not equipped with buttons.
The information available, in addition to those already present in the normal cycle computers, are all necessary to make it easier to manage the power assist: power mode, battery charge status, estimated range.
All the operations can be performed via a remote control placed close to the left grip, designed specifically to improve security by allowing to keep the hands on the handlebars in every riding condition.

E-Tube Project
As for bikes equipped with electronic gearshift Di2, Shimano STEPS system provides quick and easy access to the portal E-Tube. The retailer can connect the bike to a PC with Shimano software installed and perform specific firmware updates, check the status and diagnose any mistakes.

Autonomia *Range*



Step Man

8S

ATALA

SHIMANO STEPS

Kit Type *Shimano STEPS*

Battery *418 Wh*



- Cadence meter
- km remaining

125 Km

50 Nm

25 km/h

Frame	*Alu TKK 700C, custom*
Fork	*Suntour NEX, Post mount brake bracket*
Headset	*1"1/8 Ahead*
Crankset	*Shimano STEPS 44T*
Rear Derailleur	*Shimano Altus RD-M280 SGS*
Shifters Levers	*Shimano Tourney SL-RS45-8R, with OGD, RevoShift, 8s*
Brakes	*Shimano Altus M355, Rotor SM-RT20 160 mm F / 160 mm R*
Cassette	*Shimano CS-HG31 8s 11/32*
Pedals	*Alu TKK*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse 29", 32h*
Stem	*Byte ahead Alu, adjustable*
Handlebar	*Byte Alu City*
Seatpost	*Byte Alu 27,2 mm*
Saddle	*Selle Royal Wave RVS*
Tyres	*Schwalbe Citizen 700x40, reflex*
Size	*48 – 56*
Colours	*Black/Neon Yellow/Sky Matt*

Shimano Steps

Motor	*Brushless Shimano 36 V, 250 W, on the bottom bracket*
Maximum torque	*50 Nm*
Battery	*Shimano Li-ion 36 V, 418 Wh, under rack*
Sensor	*Torque and speed*
Range	*Up to 125 km in Eco Up to 85 km in Normal Up to 60 km in High*
Charge time	*Up to 4 hours*
Power	*Adjustable: 3 levels Eco Normal High*

INTERNAL CABLES

Step Lady

8S

ATALA

SHIMANO STEPS

Kit Type *Shimano STEPS*

Battery *418 Wh*

- Cadence meter
- km remaining

125 Km

50 Nm

25 km/h



Frame	*Alu TKK 700C, custom*
Fork	*Suntour NEX, Post mount brake bracket*
Headset	*1"1/8 Ahead*
Crankset	*Shimano STEPS 44T*
Rear Derailleur	*Shimano Altus RD-M280 SGS*
Shifters Levers	*Shimano Tourney SL-RS45-8R, with OGD, RevoShift, 8s*
Brakes	*Shimano Altus M355, Rotor SM-RT20 160 mm F / 160 mm R*
Cassette	*Shimano CS-HG31 8s 11/32*
Pedals	*Alu TKK*
Hubs	*Shimano RM33 CL, 32h*
Rims	*Ambrosio Pulse 29", 32h*
Stem	*Byte ahead Alu, adjustable*
Handlebar	*Byte Alu City*
Seatpost	*Byte Alu 27,2 mm*
Saddle	*Selle Royal Wave RVS*
Tyres	*Schwalbe Citizen 700x40, reflex*
Size	*44 – 48*
Colours	*Black/Neon Yellow/Sky Matt*

Shimano Steps

Motor	*Brushless Shimano 36 V, 250 W, on the bottom bracket*
Maximum torque	*50 Nm*
Battery	*Shimano Li-ion 36 V, 418 Wh, under rack*
Sensor	*Torque and speed*
Range	*Up to 125 km in Eco Up to 85 km in Normal Up to 60 km in High*
Charge time	*Up to 4 hours*
Power	*Adjustable: 3 levels Eco Normal High*

INTERNAL CABLES

Simbio

7S

ATALA

SHIMANO STEPS

Kit Type *Shimano STEPS*
Battery *418 Wh*



- Cadence meter
- km remaining

125 Km
50 Nm
25 km/h

Frame	*Alu Easy Access 700c*
Fork	*Hi-Ten Tig TKK 700C*
Headset	*Semi-integrated, 1"1/8*
Crankset	*Shimano STEPS 44T*
Rear Derailleur	*Shimano Tourney TX-35*
Shifters Levers	*Shimano Tourney SL-RS36, RevoShift, with OGD, 7s*
Brakes	*Alu V-Brake*
Freewheel	*Shimano MF-TZ21 7s 14-28*
Pedals	*Alu MTB*
Wheels	*Alu double wall with eyelets, 36h, Quick release*
Stem	*Byte ahead Alu, adjustable*
Handlebar	*Byte Alu City*
Seatpost	*Byte Alu 27,2 mm*
Saddle	*Selle Royal Wave RVS*
Tyres	*Byte Verona 700x38*
Size	*45 – 50*
Colours	*White/Anthracite/Orange*

Shimano Steps

Motor	*Brushless Shimano 36 V, 250 W, on the bottom bracket*
Maximum torque	*50 Nm*
Battery	*Shimano Li-ion 36 V, 418 Wh, under rack*
Sensor	*Torque and speed*
Range	*Up to 125 km in Eco* *Up to 85 km in Normal* *Up to 60 km in High*
Charge time	*Up to 4 hours*
Power	*Adjustable: 3 levels* *Eco* *Normal* *High*

INTERNAL CABLES

Batterie Shimano *Shimano battery*

Posizione sulla bici	*Battery configuration*	Portapacchi *Racktype*
Modello di batteria	*Battery model*	BT-E6000
Tensione [V]	*Voltage [V]*	36
Capacità [Ah]	*Capacity [Ah]*	11,6
Contenuto energetico [Wh]	*Energy content [Wh]*	418
Peso [kg]	*Weight [kg]*	2,6
Densità energetica [Wh/kg]	*Energy density [Wh/kg]*	164
Tempo di ricarica [h]	*Recharge time [h]*	4
Cicli di carica	*Charge cycles*	1000

Motore Shimano *Shimano Drive Unit*

Linea prodotto	*Product Line*	DU-E6001
Potenza nominale [W]	*Nominal power [W]*	250
Livello di supporto [%]:	*Support level [%]:*	
High	*High*	230
Normal	*Normal*	150
Eco	*Eco*	70
Coppia nominale [Nm]	*Nominal driver torque [Nm]*	50
Peso [kg]	*Weight [kg]*	3,2
Velocità massima assistita [km/h]	*Maximum assisted speed [km/h]*	25

Display Shimano *Shimano Display*

LCD Display	*LCD Display*	√
Retroilluminazione	*Backlight*	√
Velocità istantanea [km/h]	*Current speed [km/h]*	√
Velocità media [km/h]	*Average speed [km/h]*	√
Velocità massima [km/h]	*Maximum speed [km/h]*	√
Distanza totale [km]	*Total distance [km]*	√
Distanza parziale [km]	*Trip distance [km]*	√
Tempo totale	*Total time*	√
Orologio	*Clock*	√
Livelli di supporto	*Support level*	4
Livello senza supporto	*Level without support*	√
Barre stato di carica	*Charge status bars*	√
Comando remoto	*Remote control*	√

Caricabatterie Shimano *Shimano Charger*

Corrente di carica [A]	*Charging current [A]*	3,1
Tensione di alimentazione [V]	*Voltage range [V]*	100 – 240
Connettore	*Plug*	Universale europeo European universal
Peso [kg]	*Weight [kg]*	0,8

ECO LOGIC
Pedalare con leggerezza

Atala realizza la sua vasta gamma di biciclette a pedalata assistita cercando di soddisfare le esigenze di tutti.
La linea Eco Logic è la scelta migliore per l'utente che utilizza la sua eBike prettamente su percorsi pianeggianti o collinari con poca pendenza e per gli spostamenti urbani.
Il rapporto qualità-prezzo è eccezionale, dei migliori sul mercato.

Motore nel mozzo ruota
Il motore collocato nel mozzo ruota permette di progettare biciclette a pedalata assistita senza realizzare componenti dedicate, com'è invece per il telaio per i sistemi elettrici a motore centrale. Nonostante la semplicità dal punto di vista costruttivo, è possibile sfruttare l'elevata trazione della ruota posteriore per installare motori efficienti e ad alte prestazioni, con elevati valori di coppia alla ruota, senza influenzare la stabilità della bicicletta.

Coppia motrice: la spinta del motore
Nonostante il valore di coppia motrice sia sensibilmente più basso se paragonato ad un equivalente motore centrale, bisogna considerare la presenza del sistema di trasmissione. Il motore al mozzo ruota agisce direttamente sull'asfalto, avendo solamente la ruota stessa come tramite per il trasferimento della potenza, mentre la spinta fornita dal motore centrale deve passare per il sistema di trasmissione prima di giungere alla ruota e quindi a terra, generando la spinta. Ciò si traduce in una coppia alla ruota equivalente tra le due tipologie di motore nelle situazioni di marcia su strada pianeggiante.

Efficienza del motore
L'efficienza del motore è rappresentata da un valore percentuale che indica quanta dell'energia chiesta alla batteria arriva effettivamente alla ruota e quanta viene dispersa in calore. Il motore elettrico, per sua natura costruttiva, sviluppa un'efficienza elevata ad un alto numero di giri e per questo motivo il motore al mozzo ruota ha un elevato valore di coppia motrice ed efficienza su percorsi pianeggianti, risultando invece più debole, a favore del motore centrale, su percorsi in salita.

Atala realizes its wide range of eBikes trying to meet everyone's needs. The Eco Logic line is the best choice for the user who look for an eBike to use on flat or hilly paths for a commuting use. The quality-price ratio is outstanding, the best on the market.



Riding smoothly

Motor in the wheel hub
The choice to place the motor in the wheel hub avoid us the realization of dedicated components, as it is for the frame for the bycicle with the motor on a central position. Despite the simplicity from the point of view of the construction, a very positive feature is the high traction of the rear wheel that allow the instalment of efficient and high-performance engines with high levels of torque to the wheel, without affecting the stability of the bicycle.

Motor torque
Despite the value of the cadence torque is considerably lower if compared to an equivalent central motor, it has to be considered the transmission system. The motor in the wheel hub acts directly on the terrain, having only the same wheel transfer the power, while the boost provided by the central motor must pass before through the transmission system and then to the ground. This can be translated into a torque to the wheel equivalent between the two types of motor in driving situations on a flat road.

Motor efficiency
The efficiency of the motor is represented by a percentage value that indicates how much of the energy demand from the battery actually arrives to the wheel and how much is lost in heat. The motor, by its construction develops a high efficiency at a high number of rounds and for this reason the motor in the wheel hub has a high value of torque and efficiency on flat terrain, resulting instead weaker uphill, in favor of the bycicles with the central motor.

Il sensore
Il sensore di pedalata è parte integrante del sistema elettrico e permette alla centralina di controllo di identificare se il ciclista sta pedalando, come prescritto dall'art.50 del codice della strada e dalla normativa europea EN15194.
Al contrario del sensore di sforzo, che equipaggia tutte le biciclette a motore centrale, il sensore di pedalata funge da interruttore per attivare o disattivare il motore e sulle bici dotate di questo sistema non serve, di fatto, applicare una forza sui pedali essendo necessaria la sola rotazione per l'attivazione del motore elettrico. Questa caratteristica rende le biciclette della linea Eco Logic particolarmente adatte a percorsi pianeggianti, cittadini e al commuting.

Le batterie. La presa di corrente della bici.
La batteria della bici a pedalata assistita è il contenitore di energia che permette al sistema elettrico di funzionare e di generare la trazione che assiste il ciclista. Le batterie dei sistemi Eco Logic sono tutte agli ioni di litio da 36 V o 24 V, senza effetto memoria, tanto che possono essere ricaricate o scaricate parzialmente senza alcun problema. L'unica manutenzione richiesta per garantire il buon funzionamento in caso di inutilizzo per un periodo prolungato di tempo consiste nella ricarica completa bimestrale.

The sensor
The pedal sensor is integrated into the electrical system and allows the controller to identify whether the rider is pedaling, as indicated into the 50 art. of the Highway Code and the European standard EN15194 .
In contrast to the torque sensor, which equips all bicycles with a central engine, the pedal sensor acts as a switch to activate or deactivate the engine and on bikes equipped with this system is not needed, in fact, to apply a force on the pedals being required only a single rotation for the activation of the electric motor. This feature makes the Eco Logic line particularly suitable for flat terrain and for commuting.

The battery
The battery of the eBike is the container of energy that allows the electrical system to work and to generate the traction that assists the rider. The Eco Logic range batteries are lithium-ion battery 36 V or 24 V, with no memory effect, so that can be charged or discharged in full without any problem. The only maintenance required to ensure a good work in case of an extended period of disuse is to charge the battery one every two months.

36 V o 24 V?
Nelle condizioni più gravose e impegnative, quali sono le partenze da fermo e le salite, il motore elettrico deve sviluppare una potenza molto elevata per poter garantire il movimento della bicicletta, che si tramuta in una forte richiesta di corrente alla batteria.
Le batterie a 36 V sopportano meglio le correnti elevate tipiche di queste situazioni, rispetto alle batterie a 24 V, garantendo inoltre potenze di punta maggiori, con prestazioni generali della bicicletta superiori. Le batterie a 24 V, invece, sono più leggere, richiedono meno energia per essere ricaricate e quindi risultano essere più adatte per brevi percorsi totalmente pianeggianti.

36 V or 24 V?
In the most critical and demanding conditions, such as the uphill and the starts, the electric motor must develop a very high power to ensure the movement of the bicycle, which is transformed into a high demand of current to the battery. The 36 V batteries bear better than the 24 V ones the high currents typical of these situations and also ensure higher peak powers and a better performance of the bicycle. The 24 V batteries are lighter, they require less energy to be recharged and therefore are more suitable for short distances totally flat.



E-Space Man

7S

ATALA



Kit Type *Eco Logic*
Battery *317 Wh*

- Backlit
- km remaining

60 Km
25 Nm
25 km/h

Frame	*Alu TKK 700C, custom*
Fork	*Suntour NEX MLO, with lockout*
Headset	*Semi-integrated, 1"1/8, Threaded*
Crankset	*Alu, 42T, 170 mm*
Rear Derailleur	*Shimano Tourney TX-55*
Shifters Levers	*Shimano Tourney SL-RS36, RevoShift, with OGD, 7s*
Brakes	*Tektro Novela, Mechanic Disc, Rotor 160 mm A / 160 mm P*
Freewheel	*Shimano MF-TZ21 7s 14-28*
Pedals	*Resin TKK*
Hubs	*F: Alu 36h R: Motor*
Rims	*Alu, double wall, 36h*
Stem	*Alu, adjustable*
Handlebar	*Alu TKK*
Seatpost	*Alu, 27,2 mm*
Saddle	*Selle Royal Wave/Atala*
Tyres	*700x40, reflex*
Size	*49 - 54 - 59*
Colours	*White/Anthracite*

Eco Logic

Motor	*Brushless 36 V, 250 W, on rear hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 36 V, 8,8 Ah, under rack*
Sensor	*Speed*
Range	*Up to 60 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 5 levels*

INTERNAL CABLES

E-Space Lady

7S

ATALA



Kit Type *Eco Logic*
Battery *317 Wh*

- Backlit
- km remaining

60 Km
25 Nm
25 km/h

Frame	*Alu Easy Access 26"*
Fork	*Suntour NEX MLO, with lockout*
Headset	*Semi-integrated, 1"1/8, Threaded*
Crankset	*Alu, 42T, 170 mm*
Rear Derailleur	*Shimano Tourney TX-55*
Shifters Levers	*Shimano Tourney SL-RS36, RevoShift, with OGD, 7s*
Brakes	*Tektro Novela, Mechanic Disc, Rotor 160 mm A / 160 mm P*
Freewheel	*Shimano MF-TZ21 7s 14-28*
Pedals	*Resin TKK*
Hubs	*F: Alu 36h R: Motor*
Rims	*Alu, double wall, 36h*
Stem	*Alu, adjustable*
Handlebar	*Alu TKK*
Seatpost	*Alu, 27,2 mm*
Saddle	*Selle Royal Wave/Atala*
Tyres	*26"x1,75", reflex*
Size	*40*
Colours	*White/Anthracite*

Eco Logic

Motor	*Brushless 36 V, 250 W, on rear hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 36 V, 8,8 Ah, under rack*
Sensor	*Speed*
Range	*Up to 60 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 5 levels*

INTERNAL CABLES

E-Live SL Man

7S

ATALA



Kit Type *Eco Logic*
Battery *418 Wh*

- Power levels
- Battery charge status

80 Km
25 Nm
25 km/h

Frame	*Alu TKK 700C, custom*
Fork	*HL CHD-141, with lockout*
Headset	*Semi-integrated, 1"1/8, Threaded*
Crankset	*Alu 42T, 170 mm*
Rear Derailleur	*Shimano Tourney TX-35*
Shifters Levers	*Shimano Tourney SL-RS36, RevoShift, with OGD, 7s*
Brakes	*Promax Hydraulic Disc, DSK-918, Rotor 160 mm A / 160 mm P*
Freewheel	*Shimano MF-TZ21 7s 14-28*
Pedals	*Resin TKK*
Hubs	*F: Alu 36h R: Motor*
Rims	*Alu, double wall, 36h*
Stem	*Alu, adjustable*
Handlebar	*Alu TKK*
Seatpost	*Alu, 27,2 mm*
Saddle	*Trekking with elastomers*
Tyres	*700x40, reflex*
Size	*48,5 (M)*
Colours	*Antracite/Silver Matt*

Eco Logic

Motor	*Brushless 36 V, 250 W, on rear hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 36 V, 11,6 Ah, under rack*
Sensor	*Speed*
Range	*Up to 80 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 3 levels*

INTERNAL CABLES

HYBRID 45 km/h | FAT | FULL | FRONT | HYBRID | TREKKING | CITY

E-Live SL Lady

7S

ATALA



Kit Type *Eco Logic*
Battery *418 Wh*

- Power levels
- Battery charge status

80 Km
25 Nm
25 km/h

Frame	*Alu Easy Access 26"*
Fork	*HL CHD-141, with lockout*
Headset	*Semi-integrated, 1"1/8, Threaded*
Crankset	*Alu 42T, 170 mm*
Rear Derailleur	*Shimano Tourney TX-35*
Shifters Levers	*Shimano Tourney SL-RS36, RevoShift, with OGD, 7s*
Brakes	*Promax Hydraulic Disc, DSK-918, Rotor 160 mm A / 160 mm P*
Freewheel	*Shimano MF-TZ21 7s 14-28*
Pedals	*Resin TKK*
Hubs	*F: Alu 36h R: Motor*
Rims	*Alu, double wall, 36h*
Stem	*Alu, adjustable*
Handlebar	*Alu TKK*
Seatpost	*Alu, 27,2 mm*
Saddle	*Trekking with elastomers*
Tyres	*26"x1,75", reflex*
Size	*43 (S)*
Colours	*Mahogany/Copper*

Eco Logic

Motor	*Brushless 36 V, 250 W, on rear hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 36 V, 11,6 Ah, under rack*
Sensor	*Speed*
Range	*Up to 80 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 3 levels*

INTERNAL CABLES

E-Live S Man

6S

ATALA



Kit Type *Eco Logic*
Battery *418 Wh*

- Power levels
- Battery charge status

80 Km
25 Nm
25 km/h

Frame	*Alu TKK 700C, custom*
Fork	*HL CHD-141*
Headset	*Semi-integrated, 1"1/8, Threaded*
Crankset	*Hi-Ten 42T, 170 mm*
Rear Derailleur	*Shimano Tourney TX-35*
Shifters Levers	*Shimano Tourney SL-RS35, RevoShift, with OGD, 6s*
Brakes	*Alu, V-Brake*
Freewheel	*Shimano MF-TZ20 6s 14-28*
Pedals	*Resin TKK*
Hubs	*F: Alu 36h R: Motor*
Rims	*Alu, double wall, 36h*
Stem	*Alu, adjustable*
Handlebar	*Alu TKK*
Seatpost	*Alu, 27,2 mm*
Saddle	*Trekking with elastomers*
Tyres	*700x40*
Size	*48,5 (M)*
Colours	*Black/Orange Matt*

Eco Logic

Motor	*Brushless 36 V, 250 W, on rear hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 36 V, 11,6 Ah, under rack*
Sensor	*Speed*
Range	*Up to 80 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 3 levels*

INTERNAL CABLES

E-Live S Lady

6S

ATALA



Kit Type *Eco Logic*
Battery *418 Wh*

- Power levels
- Battery charge status

80 Km
25 Nm
25 km/h

Frame	*Alu Easy Access 26"*
Fork	*HL CHD-141*
Headset	*Semi-integrated, 1"1/8, Threaded*
Crankset	*Hi-Ten 42T, 170 mm*
Rear Derailleur	*Shimano Tourney TX-35*
Shifters Levers	*Shimano Tourney SL-RS35, RevoShift, with OGD, 6s*
Brakes	*Alu, V-Brake*
Freewheel	*Shimano MF-TZ20 6s 14-28*
Pedals	*Resin TKK*
Hubs	*F: Alu 36h R: Motor*
Rims	*Alu, double wall, 36h*
Stem	*Alu, adjustable*
Handlebar	*Alu TKK*
Seatpost	*Alu, 27,2 mm*
Saddle	*Trekking with elastomers*
Tyres	*26"x1,75"*
Size	*43 (S)*
Colours	*Ultralight/Neon Green Matt*

Eco Logic

Motor	*Brushless 36 V, 250 W, on rear hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 36 V, 11,6 Ah, under rack*
Sensor	*Speed*
Range	*Up to 80 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 3 levels*

INTERNAL CABLES

E-Live Man

6S

ATALA

Kit Type *Eco Logic*
Battery *418 Wh*



- Power levels
- Battery charge status

80 Km
25 Nm
25 km/h

Frame	*Alu TKK 700C, custom*
Fork	*Hi-Ten Tig 700C*
Headset	*Semi-integrated, 1"1/8, Threaded*
Crankset	*Hi-Ten 42T, 170 mm*
Rear Derailleur	*Shimano Tourney TX-35*
Shifters Levers	*Shimano Tourney SL-RS35, RevoShift, with OGD, 6s*
Brakes	*Alu, V-Brake*
Freewheel	*Shimano MF-TZ20 6s 14-28*
Pedals	*Resin TKK*
Hubs	*F: Alu 36h R: Motor*
Rims	*Alu, double wall, 36h*
Stem	*Alu, adjustable*
Handlebar	*Alu TKK*
Seatpost	*Alu, 27,2 mm*
Saddle	*Trekking with elastomers*
Tyres	*700x40*
Size	*48,5 (M)*
Colours	*Black/Orange Matt*

Eco Logic

Motor	*Brushless 36 V, 250 W, on rear hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 36 V, 11,6 Ah, under rack*
Sensor	*Speed*
Range	*Up to 80 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 3 levels*

INTERNAL CABLES

E-Live Lady

6S

ATALA

Kit Type *Eco Logic*
Battery *418 Wh*



- Power levels
- Battery charge status

80 Km
25 Nm
25 km/h

Frame	*Alu Easy Access 26"*
Fork	*Hi-Ten Tig 26"*
Headset	*Semi-integrated, 1"1/8, Threaded*
Crankset	*Hi-Ten 42T, 170 mm*
Rear Derailleur	*Shimano Tourney TX-35*
Shifters Levers	*Shimano Tourney SL-RS35, RevoShift, with OGD, 6s*
Brakes	*Alu, V-Brake*
Freewheel	*Shimano MF-TZ20 6s 14-28*
Pedals	*Resin TKK*
Hubs	*F: Alu 36h R: Motor*
Rims	*Alu, double wall, 36h*
Stem	*Alu, adjustable*
Handlebar	*Alu TKK*
Seatpost	*Alu, 27,2 mm*
Saddle	*Trekking with elastomers*
Tyres	*26"x1,75"*
Size	*43 (S)*
Colours	*Ultralight/Neon Green Matt*

Eco Logic

Motor	*Brushless 36 V, 250 W, on rear hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 36 V, 11,6 Ah, under rack*
Sensor	*Speed*
Range	*Up to 80 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 3 levels*

INTERNAL CABLES

E-Run Man

6S

ATALA



Kit Type *Eco Logic*
Battery *317 Wh*

- Power levels
- Battery charge status

60 Km
25 Nm
25 km/h

Frame	*Alu TKK 700C, custom*
Fork	*Hi-Ten Tig 700C*
Headset	*Semi-integrated, 1"1/8, Threaded*
Crankset	*Hi-Ten 42T, 170 mm*
Rear Derailleur	*Shimano Tourney TX-35*
Shifters Levers	*Shimano Tourney SL-RS35, RevoShift, with OGD, 6s*
Brakes	*Alu, V-Brake*
Freewheel	*Shimano MF-TZ20 6s 14-28*
Pedals	*Resin TKK, with antislip rubber*
Hubs	*F: Alu 36h R: Motor*
Rims	*Alu, double wall, 36h*
Stem	*Alu, adjustable*
Handlebar	*Alu TKK*
Seatpost	*Alu, 27,2 mm*
Saddle	*Trekking with elastomers*
Tyres	*700x40, e-bike*
Size	*48,5 (M)*
Colours	*Black/Green Matt*

Eco Logic

Motor	*Brushless 36 V, 250 W, on rear hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 36 V, 8,8 Ah, under rack*
Sensor	*Speed*
Range	*Up to 60 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 3 levels*

INTERNAL CABLES

E-Run Lady

6S

ATALA



Kit Type *Eco Logic*
Battery *317 Wh*

- Power levels
- Battery charge status

60 Km
25 Nm
25 km/h

Frame	*Alu Easy Access 26"*
Fork	*Hi-Ten Tig 26"*
Headset	*Semi-integrated, 1"1/8, Threaded*
Crankset	*Hi-Ten 42T, 170 mm*
Rear Derailleur	*Shimano Tourney TX-35*
Shifters Levers	*Shimano Tourney SL-RS35, RevoShift, with OGD, 6s*
Brakes	*Alu, V-Brake*
Freewheel	*Shimano MF-TZ20 6s 14-28*
Pedals	*Resin TKK, with antislip rubber*
Hubs	*F: Alu 36h R: Motor*
Rims	*Alu, double wall, 36h*
Stem	*Alu, adjustable*
Handlebar	*Alu, TKK*
Seatpost	*Alu, 27,2 mm*
Saddle	*Trekking with elastomers*
Tyres	*26"x1,75", e-bike*
Size	*43 (S)*
Colours	*White/Green - Anthracite/Dark Red*

Eco Logic

Motor	*Brushless 36 V, 250 W, on rear hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 36 V, 8,8 Ah, under rack*
Sensor	*Speed*
Range	*Up to 60 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 3 levels*

INTERNAL CABLES

E-Way

6S

ATALA

Kit Type *Eco Logic*
Battery *312 Wh*



- Power levels
- Battery charge status

50 Km
25 Nm
25 km/h

Frame	*Hi-Ten Tig Easy Access 26”*
Fork	*Hi-Ten Tig 26”*
Headset	*1”1/8, Threaded*
Crankset	*Hi-Ten 42T, 165 mm*
Rear Derailleur	*Shimano Tourney TZ50*
Shifters Levers	*Shimano Tourney SL-RS35, RevoShift, with OGD, 6s*
Brakes	*Alu, V-Brake*
Freewheel	*Shimano MF-TZ20 6s 14-28*
Pedals	*Resin TKK*
Hubs	*F: Alu 36h R: Motor*
Rims	*Alu, double wall, 36h*
Stem	*Alu*
Handlebar	*Hi-Ten TKK*
Seatpost	*Hi-Ten 27,2 mm*
Saddle	*Trekking with elastomers*
Tyres	*26”x1,75”*
Size	*41 (XS)*
Colours	*Mahogany/Copper - White/Green/Anthracite*

Eco Logic

Motor	*Brushless 24 V, 250 W, on rear hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 24 V, 13 Ah, behind seat tube*
Sensor	*Speed*
Range	*Up to 50 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 3 levels*

INTERNAL CABLES

E-Zip

6S

ATALA

Kit Type *Eco Logic*
Battery *216 Wh*



- Power levels
- Battery charge status

30 Km
25 Nm
23 km/h

Frame	*Alu 20”, custom, foldable*
Fork	*Hi-Ten Tig 20”*
Headset	*Semi-integrated, 1”1/8, Threaded*
Crankset	*Alu, 48T, 170 mm*
Rear Derailleur	*Shimano Tourney TX-35*
Shifters Levers	*Shimano Tourney SL-RS35, RevoShift, with OGD, 6s*
Brakes	*Alu, V-Brake*
Freewheel	*Shimano MF-TZ20 6s 14-28*
Pedals	*Resin TKK, foldable*
Hubs	*F: Alu 36h R: Motor*
Rims	*Alu, double wall, 36h*
Stem	*Alu, foldable*
Handlebar	*Alu*
Seatpost	*Alu 33,9 mm*
Saddle	*Trekking*
Tyres	*20”x1,75”*
Size	*38,5*
Colours	*Black/Neon Green Matt*

Eco Logic

Motor	*Brushless 36 V, 250 W, on rear hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 36 V, 6 Ah, inside down tube*
Sensor	*Speed*
Range	*Up to 30 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 3 levels*

E-Cargo Maxi

6S

ATALA

Kit Type *Eco Logic*
Battery *418 Wh*



- Power levels
- Battery charge status

50 Km
25 Nm
20 km/h

Frame	*Hi-Ten Tig Easy Access*
Fork	*Hi-Ten Tig 26"*
Headset	*1", Threaded*
Crankset	*Hi-Ten, 44T, 170 mm*
Rear Derailleur	*Shimano Tourney TY21*
Shifters Levers	*Shimano Tourney SL-RS35, RevoShift, with OGD, 6s*
Brakes	*F: Alu, V-Brake R: Drum*
Freewheel	*Shimano MF-TZ20 6s 14-28*
Pedals	*Resin TKK*
Hubs	*F: Motor R: Cargo special*
Rims	*F: 26" x 36h R: 24" x 36h*
Stem	*Alu, adjustable*
Handlebar	*Alu, TKK*
Seatpost	*Alu 25,4 mm*
Saddle	*Trekking with elastomers*
Tyres	*F: 26"x1,95" R: 24"x1,75"*
Size	*41 (XS)*
Colours	*Black Matt*

Eco Logic

Motor	*Brushless 36 V, 250 W, on front hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 36 V, 11,6 Ah, under rack*
Sensor	*Speed*
Range	*Up to 50 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 3 levels*

E-Cargo

1S

ATALA

Kit Type *Eco Logic*
Battery *418 Wh*



- Power levels
- Battery charge status

65 Km
25 Nm
20 km/h

Frame	*Hi-Ten Tig Easy Access, Fix-Flex system*
Fork	*Hi-Ten Tig 20"*
Headset	*1", Threaded*
Crankset	*Alu, 44T, 170 mm*
Brakes	*F: Alu, V-Brake R: Drum*
Freewheel	*16T*
Pedals	*Resin TKK*
Hubs	*F: Motor R: Cargo special*
Rims	*F: 20" x 36h R: 16" x 36h*
Stem	*Alu*
Handlebar	*Hi-Ten TKK*
Seatpost	*Hi-Ten 25,4 mm*
Saddle	*Trekking with elastomers*
Tyres	*F: 20"x1,95" R: 16"x2,125"*
Size	*42 (XS)*
Colours	*Blue*

Eco Logic

Motor	*Brushless 36 V, 250 W, on front hub*
Maximum torque	*25 Nm*
Battery	*Li-Ion 36 V, 11,6 Ah, under rack*
Sensor	*Speed*
Range	*Up to 65 km*
Charge time	*Up to 8 hours*
Power	*Adjustable: 3 levels*

TABELLA COMPARATIVA *COMPARISON TABLE*

Bosch

MODELLO *MODEL NAME*	CATEGORIA *CATEGORY*	KIT	BATTERIA *BATTERY*	DISPLAY	AUTONOMIA MAX *MAX RANGE*	VEL. MAX ASSISTITA *MAX ASSISTED SPEED*	COPPIA MOTORE *MOTOR TORQUE*	VELOCITÀ *GEAR NUMBER*	CAMBIO *REAR DERAILLEUR*	FRENI *BRAKES* TIPO *TYPE*	FRENI *BRAKES* MODELLO *MODEL*
WHISTLE - URBANSPEED SL	HYBRID 45 km/h	Performance Speed	500	Nyon	150	45 km/h	60 Nm	11 S	Shimano XT RD-M8000	Disco idraulico	Magura MT6 – 180-160
CARRARO - URBANSPEED SL	HYBRID 45 km/h	Performance Speed	500	Nyon	150	45 km/h	60 Nm	11 S	Shimano XT RD-M8000	Disco idraulico	Magura MT6 – 180-160
ATALA - URBANSPEED S	HYBRID 45 km/h	Performance Speed	500	Intuvia	150	45 km/h	60 Nm	10 S	Shimano Deore RD-M610	Disco idraulico	Magura MT4 – 180-160
ATALA - URBANSPEED	HYBRID 45 km/h	Performance Speed	400	Intuvia	120	45 km/h	60 Nm	10 S	Shimano Deore RD-M610	Disco idraulico	Magura MT4 – 180-160
WHISTLE - Bison	FAT	Performance Cruise	400	Intuvia	175	25 km/h	60 Nm	10 S	Shimano SLX RD-M670	Disco idraulico	Shimano Altus BR-M355 – 180-160
WHISTLE - B-Rush SLS 27,5”	FULL	Performance CX	500	Nyon	215	25 km/h	75 Nm	11 S	Shimano XT RD-M8000	Disco idraulico	Shimano XT BR-M8000 – 203-180
WHISTLE - B-Rush SL 27,5”	FULL	Performance CX	500	Intuvia	215	25 km/h	75 Nm	11 S	Shimano XT RD-M8000	Disco idraulico	Shimano Deore BR-M615 – 180-180
WHISTLE - B-Rush S 27,5”	FULL	Performance CX	400	Intuvia	175	25 km/h	75 Nm	10 S	Shimano XT RD-M786	Disco idraulico	Shimano Altus BR-M355 – 180-180
WHISTLE - B-Rush 27,5”	FULL	Performance CX	400	Intuvia	175	25 km/h	75 Nm	10 S	Shimano Deore RD-M610	Disco idraulico	Shimano Altus BR-M355 – 180-180
ATALA - B-XGR8 S	FULL	Performance CX	400	Intuvia	175	25 km/h	75 Nm	10 S	Shimano Deore RD-M610	Disco idraulico	Shimano Altus BR-M355 – 180-180
ATALA - B-XGR8	FULL	Performance Cruise	400	Intuvia	175	25 km/h	60 Nm	10 S	Shimano Deore RD-M610	Disco idraulico	Tektro Auriga HD-M290 – 180-160
WHISTLE - B-Ware HF SL 29”	FRONT	Performance CX	500	Nyon	215	25 km/h	75 Nm	11 S	Shimano XT RD-M8000	Disco idraulico	Shimano SLX BR-M675 – 180-160
WHISTLE - B-Ware HF S 29”	FRONT	Performance CX	400	Nyon	175	25 km/h	75 Nm	11 S	Shimano XT RD-M8000	Disco idraulico	Shimano Altus BR-M355 – 180-160
ATALA - B-Cross HF SL 27,5”	FRONT	Performance Cruise	500	Nyon	215	25 km/h	75 Nm	11 S	Shimano XT RD-M8000	Disco idraulico	Shimano Altus BR-M355 – 180-160
ATALA - B-Cross HF S 27,5”	FRONT	Performance Cruise	400	Intuvia	175	25 km/h	75 Nm	10 S	Shimano SLX RD-M670	Disco idraulico	Shimano Altus BR-M355 – 180-160
WHISTLE - B-Ware S 27,5”	FRONT	Performance Cruise	500	Intuvia	215	25 km/h	60 Nm	11 S	Shimano XT RD-M8000	Disco idraulico	Shimano Altus BR-M355 – 180-160
WHISTLE - B-Ware 29”	FRONT	Performance Cruise	400	Intuvia	175	25 km/h	60 Nm	9 S	Shimano Alivio RD-M4000	Disco idraulico	Tektro Auriga HD-M290 – 180-160
WHISTLE - B-Ware 27,5”	FRONT	Performance Cruise	400	Intuvia	175	25 km/h	60 Nm	9 S	Shimano Acera RD-M390	Disco idraulico	Tektro Auriga HD-M290 – 180-160
ATALA - B- Cross Cx 27	FRONT	Performance CX	400	Intuvia	175	25 km/h	75 Nm	9 S	Shimano Altus RD-M370	Disco idraulico	Tektro Auriga HD-M290 – 180-160
ATALA - B-Cross Performance 27	FRONT	Performance Cruise	400	Intuvia	175	25 km/h	60 Nm	9 S	Shimano Altus RD-M370	Disco idraulico	Tektro Auriga HD-M290 – 180-160
ATALA - B-Cross Active 27	FRONT	Active Cruise	400	Intuvia	190	25 km/h	52 Nm	9 S	Shimano Altus RD-M370	Disco idraulico	Tektro Auriga HD-M290 – 180-160
WHISTLE - B-Ware Run Naked HF SL 29”	HYBRID	Performance CX	400	Nyon	175	25 km/h	75 Nm	10 S	Shimano XT RD-M786	Disco idraulico	Shimano Altus BR-M355 – 180-160
WHISTLE - B-Ware Run HF SL 29”	HYBRID	Performance CX	400	Nyon	175	25 km/h	75 Nm	10 S	Shimano XT RD-M786	Disco idraulico	Shimano Deore BR-M615 – 180-160
ATALA - B-Cross Ride Naked HF S	HYBRID	Performance Cruise	400	Intuvia	175	25 km/h	75 Nm	9 S	Shimano Altus RD-M370	Disco idraulico	Tektro Auriga HD-M290 – 180-160
ATALA - B-Cross Ride HF S	HYBRID	Performance Cruise	400	Intuvia	175	25 km/h	75 Nm	9 S	Shimano Altus RD-M370	Disco idraulico	Tektro Auriga HD-M290 – 180-160
WHISTLE - B-Ware Run Naked S 29”	HYBRID	Performance Cruise	400	Intuvia	175	25 km/h	60 Nm	9 S	Shimano Altus RD-M370	Disco idraulico	Tektro Auriga HD-M290 – 180-160
WHISTLE - B-Ware Run S 29”	HYBRID	Performance Cruise	400	Intuvia	175	25 km/h	60 Nm	9 S	Shimano Altus RD-M370	Disco idraulico	Tektro Auriga HD-M290 – 180-160
ATALA - B-Cross Ride Naked	HYBRID	Active Cruise	300	Intuvia	145	25 km/h	52 Nm	8 S	Shimano Altus RD-M310	Disco idraulico	Tektro Auriga HD-M290 – 180-160
ATALA - B-Cross Ride 29	HYBRID	Active Cruise	300	Intuvia	145	25 km/h	52 Nm	8 S	Shimano Altus RD-M310	Disco idraulico	Tektro Auriga HD-M290 – 180-160
ATALA - B-Tour XSL Man	TREKKING	Performance Cruise	400	Nyon	175	25 km/h	60 Nm	10 S	Shimano XT RD-M786	Disco idraulico	Shimano Altus BR-M355 – 160-160
ATALA - B-Tour XSL Lady	TREKKING	Performance Cruise	400	Nyon	175	25 km/h	60 Nm	10 S	Shimano XT RD-M786	Disco idraulico	Shimano Altus BR-M355 – 160-160
ATALA - B-Tour SL Man	TREKKING	Active Cruise	400	Intuvia	190	25 km/h	52 Nm	9 S	Shimano Deore RD-M592	Disco idraulico	Shimano Altus BR-M355 – 160-160
ATALA - B-Tour SL Lady	TREKKING	Active Cruise	400	Intuvia	190	25 km/h	52 Nm	9 S	Shimano Deore RD-M592	Disco idraulico	Shimano Altus BR-M355 – 160-160
ATALA - B-Tour S Man	TREKKING	Active Cruise	300	Intuvia	145	25 km/h	52 Nm	8 S	Shimano Tourney RD-TX800	Disco idraulico	Tektro Auriga HD-M290 – 160-160
ATALA - B-Tour S Lady	TREKKING	Active Cruise	300	Intuvia	145	25 km/h	52 Nm	8 S	Shimano Tourney RD-TX800	Disco idraulico	Tektro Auriga HD-M290 – 160-160
ATALA - B-Tour Man	TREKKING	Active Cruise	300	Intuvia	145	25 km/h	52 Nm	7 S	Shimano Tourney RD-TX35	Disco idraulico	Tektro Auriga HD-M290 – 160-160
ATALA - B-Tour Lady	TREKKING	Active Cruise	300	Intuvia	145	25 km/h	52 Nm	7 S	Shimano Tourney RD-TX35	Disco idraulico	Tektro Auriga HD-M290 – 160-160
WHISTLE - B-You	CITY	Active Cruise	300	Intuvia	145	25 km/h	52 Nm	7 S	Shimano Nexus 7R	V-Brake idraulico	Magura HS11
WHISTLE - E-Xtra	CITY	Active Cruise	300	Intuvia	145	25 km/h	52 Nm	7 S	Shimano Altus RD-M280	V-Brake	----------
ATALA - B-Easy SL	CITY	Active Cruise	300	Intuvia	145	25 km/h	52 Nm	7 S	Shimano Nexus 7R	V-Brake idraulico	Magura HS11
ATALA - B-Easy S	CITY	Active Cruise	300	Intuvia	145	25 km/h	52 Nm	8 S	Shimano Altus RD-M280	Disco idraulico	Tektro Auriga HD-M290 – 160-160
ATALA - B-Easy	CITY	Active Cruise	300	Intuvia	145	25 km/h	52 Nm	7 S	Shimano Tourney RD-TX35	V-Brake	----------
ATALA - B-Easy LTD	CITY	Classic+	400	Intuvia	145	25 km/h	50 Nm	7 S	Shimano Nexus 7R	V-Brake	----------

TABELLA COMPARATIVA *COMPARISON TABLE*

Yamaha

MODELLO *MODEL NAME*	CATEGORIA *CATEGORY*	KIT	BATTERIA *BATTERY*	DISPLAY	AUTONOMIA MAX *MAX RANGE*	VEL. MAX ASSISTITA *MAX ASSISTED SPEED*	COPPIA MOTORE *MOTOR TORQUE*	VELOCITÀ *GEAR NUMBER*	CAMBIO *REAR DERAILLEUR*	FRENI *BRAKES* TIPO *TYPE*	FRENI *BRAKES* MODELLO *MODEL*
CARRARO - Y-VOR S	FULL	PWseries	400	Yamaha LCD	140	25 km/h	70 Nm	2x10 S	Shimano SLX RD-M670	Disco idraulico	Shimano Altus BR-M355 – 180-180
CARRARO - Y-VOR	FULL	PWseries	400	Yamaha LCD	140	25 km/h	70 Nm	10 S	Shimano Deore RD-M610	Disco idraulico	Tektro Auriga HD-M290 – 180-160
CARRARO - YMAX	FRONT	PWseries	400	Yamaha LCD	140	25 km/h	70 Nm	2x10 S	Shimano XT RD-M786	Disco idraulico	Shimano Altus BR-M355 – 180-160
ATALA - Yonder	FRONT	PWseries	400	Yamaha LCD	140	25 km/h	70 Nm	10 S	Shimano Deore RD-M610	Disco idraulico	Tektro Auriga HD-M290 – 180-160
ATALA - Youth	FRONT	PWseries	400	Yamaha LCD	140	25 km/h	70 Nm	9 S	Shimano Altus RD-M370	Disco idraulico	Tektro Auriga HD-M290 – 180-160

Shimano

MODELLO *MODEL NAME*	CATEGORIA *CATEGORY*	KIT	BATTERIA *BATTERY*	DISPLAY	AUTONOMIA MAX *MAX RANGE*	VEL. MAX ASSISTITA *MAX ASSISTED SPEED*	COPPIA MOTORE *MOTOR TORQUE*	VELOCITÀ *GEAR NUMBER*	CAMBIO *REAR DERAILLEUR*	FRENI *BRAKES* TIPO *TYPE*	FRENI *BRAKES* MODELLO *MODEL*
ATALA-Step Man	TREKKING	STEPS	418	STEPS	125	25 km/h	50 Nm	8 S	Shimano Altus RD-M280	Disco idraulico	Shimano Altus BR-M355 – 160-160
ATALA-Step Lady	TREKKING	STEPS	418	STEPS	125	25 km/h	50 Nm	8 S	Shimano Altus RD-M280	Disco idraulico	Shimano Altus BR-M355 – 160-160
ATALA-Simbio	CITY	STEPS	418	STEPS	125	25 km/h	50 Nm	7 S	Shimano Tourney RD-TX35	V-Brake	----------

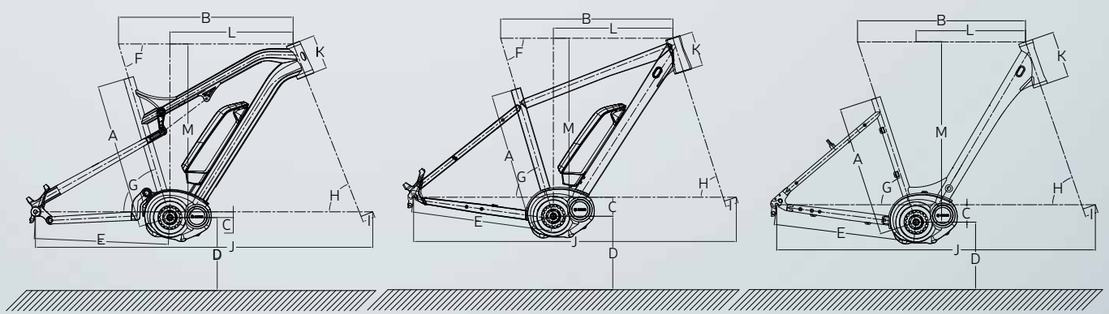
Eco Logic

MODELLO *MODEL NAME*	CATEGORIA *CATEGORY*	KIT	BATTERIA *BATTERY*	DISPLAY	AUTONOMIA MAX *MAX RANGE*	VEL. MAX ASSISTITA *MAX ASSISTED SPEED*	COPPIA MOTORE *MOTOR TORQUE*	VELOCITÀ *GEAR NUMBER*	CAMBIO *REAR DERAILLEUR*	FRENI *BRAKES* TIPO *TYPE*	FRENI *BRAKES* MODELLO *MODEL*
ATALA - E-Space Man	CITY	EcoBikes	317	LCD	60	25 km/h	25 Nm	7 S	Shimano Tourney RD-TX55	Disco meccanico	Tektro Novela – 160-160
ATALA - E-Space Lady	CITY	EcoBikes	317	LCD	60	25 km/h	25 Nm	7 S	Shimano Tourney RD-TX55	Disco meccanico	Tektro Novela – 160-160
ATALA - E-Live SL Man	CITY	EcoBikes	418	Atala A790	80	25 km/h	25 Nm	7 S	Shimano Tourney RD-TX35	Disco idraulico	Promax DSK-918 – 160-160
ATALA - E-Live SL Lady	CITY	EcoBikes	418	Atala A790	80	25 km/h	25 Nm	7 S	Shimano Tourney RD-TX35	Disco idraulico	Promax DSK-918 – 160-160
ATALA - E-Live S Man	CITY	EcoBikes	418	Atala A790	80	25 km/h	25 Nm	6 S	Shimano Tourney RD-TX35	V-Brake	----------
ATALA - E-Live S Lady	CITY	EcoBikes	418	Atala A790	80	25 km/h	25 Nm	6 S	Shimano Tourney RD-TX35	V-Brake	----------
ATALA - E-Live Man	CITY	EcoBikes	418	Atala A790	80	25 km/h	25 Nm	6 S	Shimano Tourney RD-TX35	V-Brake	----------
ATALA - E-Live Lady	CITY	EcoBikes	418	Atala A790	80	25 km/h	25 Nm	6 S	Shimano Tourney RD-TX35	V-Brake	----------
ATALA - E-Run Man	CITY	EcoBikes	317	Atala A790	60	25 km/h	25 Nm	6 S	Shimano Tourney RD-TX35	V-Brake	----------
ATALA - E-Run Lady	CITY	EcoBikes	317	Atala A790	60	25 km/h	25 Nm	6 S	Shimano Tourney RD-TX35	V-Brake	----------
ATALA - E-Way	CITY	EcoBikes	312	Atala A790	50	25 km/h	25 Nm	6 S	Shimano Tourney RD-TZ50	V-Brake	----------
ATALA - E-Zip	CITY	EcoBikes	216	Atala A790	30	23 km/h	25 Nm	6 S	Shimano Tourney RD-TX35	V-Brake	----------
ATALA - E-Cargo Maxi	CITY	EcoBikes	418	Atala A790	50	20 km/h	25 Nm	6 S	Shimano Tourney RD-TY21	V-Brake – Tamburo	----------
ATALA - E-Cargo	CITY	EcoBikes	418	Atala A790	65	20 km/h	25 Nm	1 S	----------	V-Brake – Tamburo	----------

GEOMETRIES

Bosch

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (deg)	G (deg)	H (deg)	I (mm)	J (mm)	K (mm)	L (mm)	M (mm)
SPEED													
URBANSPEED													
M	460	600	-62	282	490	90	73	72	44	1124	122	411	622
L	490	620	-62	282	490	90	73	72	44	1144	122	431	622
MTB FULL													
B-RUSH SLS – B-RUSH SL – B-RUSH S – B-RUSH – B-XGR8 S – B-XGR8													
S (16")	406	580	-20	337	468,58	73,5	73,5	68,5	44		112	405	597
M (18")	457	595	-20	337	468,58	73,5	73,5	68,5	44		117	417	601
L (20")	508	610	-20	337	468,58	73,5	73,5	68,5	44	1178,2	120	430	606
FAT													
BISON													
M (18")	457	590	-56	310	495	71,57	71,57	69	55	1142,7	120	392,5	601,1
MTB FRONT													
B-WARE HF SL – B-WARE HF S – B-CROSS HF SL – B-CROSS HF S													
S (16")	400	570	-62	306	495	73	90	70	45	1123,23	140	375,77	632,04
M (18")	450	585	-62	306	495	73	90	70	45	1138,23	140	391,77	632,04
L (20")	500	600	-62	306	495	73	90	70	45	1153,23	140	406,77	632,04
B-WARE S – B-WARE 27,5 – B-CROSS CX – B-CROSS P400 – B-CROSS A400													
S (16")	410	558	-66	283	490	73,5	73,5	72,5	45	1082	120	376	619
M (18")	460	598	-66	283	490	73,5	73,5	72,5	45	1121	120	415	619
L (20")	500	618	-66	283	490	73,5	73,5	72,5	45	1141	120	435	619
B-WARE 29													
S (16")	410	560	-62	306	490	73	73	72	44	1084	120	370	622
M (18")	460	600	-62	306	490	73	73	72	44	1124	120	411	622
L (20")	500	620	-62	306	490	73	73	72	44	1144	120	430	622
HYBRID / NAKED													
B-WARE RUN HF SL – B-WARE RUN NAKED HF SL – B-CROSS RIDE HF S – B-CROSS RIDE NAKED HF S													
S (16")	400	570	-62	306	495	73	90	70	45	1123,23	140	375,77	632,04
M (18")	450	585	-62	306	495	73	90	70	45	1138,23	140	391,77	632,04
L (20")	500	600	-62	306	495	73	90	70	45	1153,23	140	406,77	632,04
B-WARE RUN S – B-WARE RUN NAKED S – B-CROSS RIDE – B-CROSS RIDE NAKED													
S (16")	410	560	-62	306	490	73	73	72	44	1084	120	370	622
M (18")	460	600	-62	306	490	73	73	72	44	1124	120	411	622
L (20")	500	620	-62	306	490	73	73	72	44	1144	120	430	622
TREKKING													
B-TOUR MAN													
M	490	580	-60	290	485	72	72	71	45	1100	150	381	613
L	540	600	-60	290	485	72	72	71	45	1120	150	400	613
XL	590	620	-60	290	485	72	72	71	45	1140	170	414	632
B-TOUR LADY													
XS	400	545	-60	290	485	72	72	71	45	1065	160	342	622
S	440	560	-60	290	485	72	72	71	45	1080	160	357	622
M	490	580	-60	290	485	72	72	71	45	1100	160	377	622
CITY													
B-YOU – B-EASY SL													
M	480	580	-60	290	485	72	72	71	45	1100	160	377	622
EXTRA - B-EASY S – B-EASY													
S	450	580	-60	290	485	72	72	71	45	1100	160	377	622
M	500	610	-60	290	485	72	72	71	45	1130	160	408	622



GEOMETRIES

Yamaha

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (deg)	G (deg)	H (deg)	I (mm)	J (mm)	K (mm)	L (mm)	M (mm)
MTB FULL													
Y-VOR S – Y-VOR													
S (16")	410	575	-7	350	525	71,5	83,1	70	46	1197	125	404	610
M (18")	460	610	-7	350	525	71,5	83,1	70	46	1231	125	438	610
L (20")	500	625	-7	350	525	71,5	83,1	70	46	1248	125	454	610
MTB FRONT													
YMAX – YONDER – YOUTH													
S (16")	410	575	-62	287	495	73,5	73,5	71	44	1122	125	390	623
M (18")	460	600	-62	287	495	73,5	73,5	71	44	1146	125	416	623
L (20")	500	620	-62	287	495	73,5	73,5	71	44	1166	125	436	623

Shimano

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (deg)	G (deg)	H (deg)	I (mm)	J (mm)	K (mm)	L (mm)	M (mm)
TREKKING													
STEP MAN													
M	480	585	-60	315	465	73	73	70,5	45	1102	130	401	601
L	520	600	-60	315	465	73	73	70,5	45	1119	130	415	601
STEP LADY													
S	440	560	-60	315	465	73	73	70,5	45	1077	135	375	606
M	480	575	-60	315	465	73	73	70,5	45	1092	135	390	607
CITY													
SIMBIO													
S	450	580	-60	290	485	72	72	71	45	1100	160	378	622
M	500	610	-60	290	485	72	72	71	45	1130	160	419	622

Eco Logic

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (deg)	G (deg)	H (deg)	I (mm)	J (mm)	K (mm)	L (mm)	M (mm)
CITY / TREKKING													
E-LIVE SL MAN													
M	490	601	-45	305	455	73	73	71	40	1103	150	428	569
E-LIVE SL LADY													
S	450	601	-25	305	440	73	73	71	39	1094	150	437	538
E-SPACE MAN													
M	490	601	-45	305	455	73	73	71	40	1103	150	428	569
L	540	601	-45	305	455	73	73	71	40	1103	150	428	569
XL	590	601	-45	305	455	73	73	71	40	1103	150	428	569
E-SPACE LADY													
XS	400	572	-25	305	440	73	73	71	39	1094	150	407	538
S	450	601	-25	305	440	73	73	71	39	1094	150	437	538
E-LIVE S MAN – E-LIVE MAN – E-RUN MAN													
M	490	600	-45	305	455	73	73	71	40	1103	150	428	569
E-LIVE S LADY – E-LIVE LADY – E-RUN LADY													
S	450	600	-25	305	440	73	73	71	39	1094	150	437	570
E-WAY													
S	410	612	-30	320	498	71	71	71	40	1168,8	170		
ECOFOLDING													
S	385	665	40	294	426	74	74	73,5	38	1106	120	510	407
E-CARGO MAXI													
XS	409	627	49	281	673	64	114	67	45	1364	160		
E-CARGO													
XS	421	515	39	242	515	72	72	72					

CONCETTI TECNICI
TECHNOLOGIES



Pinza posteriore Postmount
Con il sistema di fissaggio Postmount si aumenta la rigidità del sistema pinza-telaio, aumentando così la potenza frenante.

Postmount rear brake bracket
With Postmount fixing technology the stiffness of the linkage caliper-frame is increased, thus increasing the braking power.



Sterzo conico
Incrementando la dimensione della base da 1”1/8 a 1,5” si distribuiscono gli sforzi su una superficie più ampia, aumentando rigidità e precisione di guida.

Tapered steerer
Increasing the diameter of the base from 1”1/8 to 1,5”, stress on this region are distributed on a bigger surface and so reduced, increasing stiffness and handling.



Perno passante (12 mm posteriore / 15 mm anteriore)
Il sistema a perno passante permette di migliorare il contatto tra mozzi e forcella/telaio rispetto al sistema a sgancio rapido con perno da 9 mm, migliorando la rigidità e riducendo il rischio di oscillazioni in frenata.

E-Thru axle (12 mm rear / 15 mm front)
E-Thru axle system allows to improve the contact between hubs and fork/frame in comparison with the Quick Release system with 9 mm axle, increasing stiffness and reducing the risk of swinging during braking operations.





Passsaggio cavi interno
Non solo rende più pulita l’estetica della bicicletta, ma offre anche importanti vantaggi: cambio marcia sempre perfetto e resistente allo sporco.

Internal cable routing
Internal cable routing is not just a good feature for clean design, but it also offers important advantages in term of functionality: shifting always perfect and dirt resistant.



Bloccaggio forcella a manubrio
Con la leva di bloccaggio remoto è possibile bloccare velocemente e in tutta sicurezza la forcella senza staccare le mani dal manubrio.

Remote fork lockout
With remote lockout lever you can lock the fork quickly and safely keeping your hands on the handlebar.



Forcella rigida monoblocco
Un pezzo unico, con uno spigolo esterno. Caratteristiche che aumentano la rigidità della parte anteriore del telaio, migliorando la guidabilità.

One piece front fork
One piece, with an esternal edge that follow the legs. These features increase the stiffness in the front part of the frame, improving handling performances of the bike.



Inferfaccia motore CX con tecnologia Gravity casting
Applicata all’interfaccia motore offre maggiore rigidità nella zona del movimento centrale, aumentando l’efficienza nel trasferimento di energia.

Gravity casting CX motor interface
Using this technology on motor interface it maximize the stiffness on the bottom bracket, increasing energy transfer from motor/pedals to the wheel.

Atala S.p.A. si riserva il diritto di apportare, in qualsiasi momento e senza alcun preavviso, modifiche e integrazioni al contenuto di questo catalogo. I colori delle foto del catalogo sono indicativi e possono subire variazioni.

Atala S.p.A. reserves the right to change pictures and the bicycles parts at any time without prior notice.

GARANZIA

I prodotti Atala sono garantiti dal venditore secondo quanto previsto dalle attuali norme di legge vigenti in materia. La garanzia può essere estesa di ulteriori 6 mesi attraverso la registrazione del proprio acquisto sul sito Atala.it. Non sono coperte da garanzia tutte le parti meccaniche ed i componenti per i quali vale la garanzia del fabbricante.

I materiali di consumo hanno garanzia limitata secondo quanto indicato nel relativo libretto di uso e manutenzione fornito in dotazione.

WARRANTY

Atala’s products are guaranteed by the dealer in accordance with the current Italian laws in force. Warranty can be extended of further 6 months by logging on the Atala website (atala.it). All the other mechanical parts or components are not included in this warranty but are under the manufacturer’s warranty.

Consumer goods have limited warranty as written in the user and maintenance booklet supplied.

Credits

Concept: Atala SpA - ADL Grafica
Layout: ADL Grafica

PESI *WEIGHT*

Bosch

MODELLO *MODEL NAME*	PESO TOTALE *TOTAL WEIGHT*
WHISTLE - URBANSPEED SL	21,48
CARRARO - URBANSPEED SL	21,48
ATALA - URBANSPEED S	21,73
ATALA - URBANSPEED	21,73
WHISTLE - Bison	22,84
WHISTLE - B-Rush SLS 27,5”	22,18
WHISTLE - B-Rush SL 27,5”	21,52
WHISTLE - B-Rush S 27,5”	21,77
WHISTLE - B-Rush 27,5”	21,50
ATALA - B-XGR8 S	21,50
ATALA - B-XGR8	22,67
WHISTLE - B-Ware HF SL 29”	20,23
WHISTLE - B-Ware HF S 29”	21,28
ATALA - B-Cross HF SL 27,5”	20,84
ATALA - B-Cross HF S 27,5”	21,36
WHISTLE - B-Ware S 27,5”	21,44
WHISTLE - B-Ware 29”	22,53
WHISTLE - B-Ware 27,5”	22,44
ATALA - B- Cross Cx 27	22,23
ATALA - B-Cross Performance 27	22,51
ATALA - B-Cross Active 27	22,51
WHISTLE - B-Ware Run Naked HF SL 29”	20,28
WHISTLE - B-Ware Run HF SL 29”	21,45
ATALA - B-Cross Ride Naked HF S	20,61
ATALA - B-Cross Ride HF S	21,33
WHISTLE - B-Ware Run Naked S 29”	20,45
WHISTLE - B-Ware Run S 29”	21,68
ATALA - B-Cross Ride Naked	20,02
ATALA - B-Cross Ride 29	20,89
ATALA - B-Tour XSL Man	25,30
ATALA - B-Tour XSL Lady	25,22
ATALA - B-Tour SL Man	23,79
ATALA - B-Tour SL Lady	23,91
ATALA - B-Tour S Man	22,42
ATALA - B-Tour S Lady	22,44
ATALA - B-Tour Man	23,10
ATALA - B-Tour Lady	23,19
WHISTLE - B-You	25,53
WHISTLE - E-Xtra	23,85
ATALA - B-Easy SL	25,53
ATALA - B-Easy S	23,60
ATALA - B-Easy	23,12
ATALA - B-Easy LTD	23,15

Yamaha

MODELLO *MODEL NAME*	PESO TOTALE *TOTAL WEIGHT*
CARRARO - Y-VOR S	22,62
CARRARO - Y-VOR	23,14
CARRARO - YMAX	21,76
ATALA - Yonder	21,76
ATALA - Youth	22,47

Shimano

MODELLO *MODEL NAME*	PESO TOTALE *TOTAL WEIGHT*
ATALA-Step Man	23,02
ATALA-Step Lady	23,04
ATALA-Simbio	23,22

Eco Logic

MODELLO *MODEL NAME*	PESO TOTALE *TOTAL WEIGHT*
ATALA - E-Space Man	23,98
ATALA - E-Space Lady	24,53
ATALA - E-Live SL Man	23,21
ATALA - E-Live SL Lady	23,98
ATALA - E-Live S Man	25,64
ATALA - E-Live S Lady	26,38
ATALA - E-Live Man	24,60
ATALA - E-Live Lady	25,34
ATALA - E-Run Man	24,03
ATALA - E-Run Lady	24,55
ATALA - E-Way	26,59
ATALA - E-Zip	20,61
ATALA - E-Cargo Maxi	40,45
ATALA - E-Cargo	33,44
















ATALA WHISTLE CARRARO

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