

S6 E-BIKE



BITBIKE



Electric folding pedal assisted bicycle with monocoque magnesium alloy frame. With only 17 kg of weight and small size, it will be your ideal companion for daily use in the city as well as in many fun situations. Bring it with you by car, train or boat and it will be able to guarantee you quick and cheap travel. The totally magnesium frame offers great strength and rigidity, combined with extreme lightness which translates into ride comfort thanks also to the rear shock absorber. Braking is entrusted to both front and rear disc brakes, placing MgO at the top of its category. The light weight of the frame helps the vehicle to save energy and allows the bike to travel up to 55 km in assistance 1. away. The electric motor is managed on three levels of pedaling intervention to always be adequate to what is required in gear. The maximum speed is self-limited to 25Km / h in compliance with the current rules of the highway code.

SPECIFICATION

UNFOLDED SIZE: 1340 X 550 X 1100MM.

FOLDED SIZE: 770 X 430 X 640MM.

WEIGHT W/O BATTERY: 17,6KG.

BRAKE SYSTEM: FRONT AND REAR DISC BRAKE

TYRE DIMENSION: 16 X 1,95 INCH.

FRAME MATERIAL: MAGNESIUM UNIBODY FRAME

SUSPENSION: REAR SPRING SHOCK ABSORBER

BATTERY INSTALLMENT: BUILT-IN ANTI THEFT LOCK

BATTERY CAPACITY: 36V. / 5,2 AH

BATTERY TYPE: LG LITHIUM ION

BATTERY WEIGHT: 1,3 KG

CHARGING TIME: CIRCA 3 HOURS

MAX SPEED: 25 KM/H

MAX MILEAGE: 65 KM WITH ASSISTANCE STEP 1 SET

MAX LOAD: 120 KG

CLIMBING ANGLE: > 15°

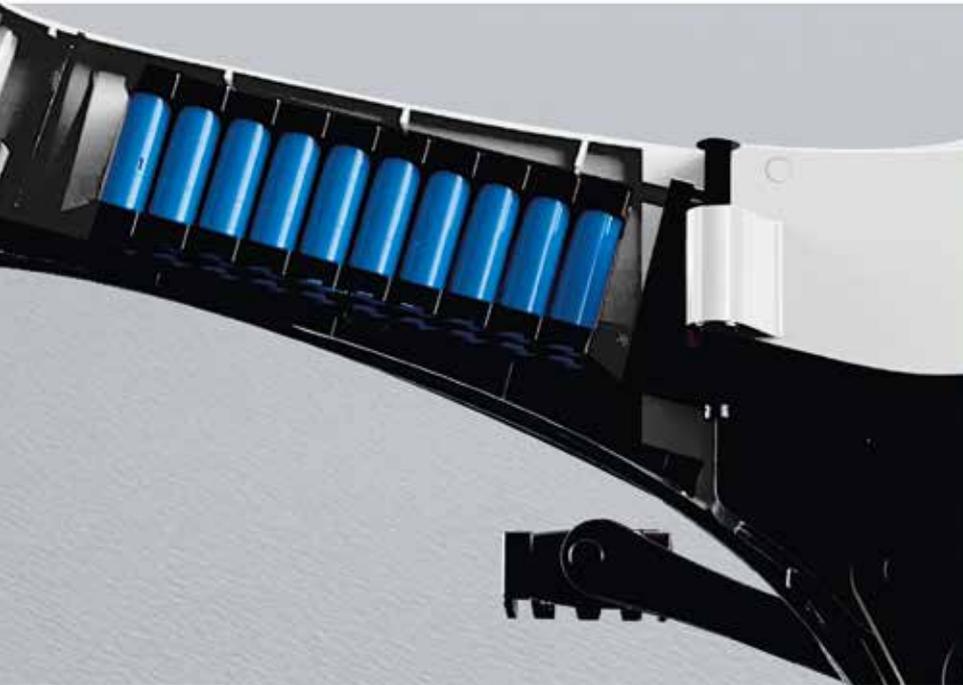
ASSISTANCE MODE: THROTTLE AND PEDAL OPTIONAL

RATED VOLTAGE WATTAGE: 36V / 250W

TORQUE: 12N.M

WATERPROOF LEVEL: IP54

BATTERY



Lithium batteries: on the market today they are the most used ones because they are small and lighter, with longer life. The standard of electric batteries is 36 volts and 5.2 Ah, this capacity guarantees a range of about 55 km, which can vary according to the rider's effort on the pedals and the level of power selection on the handlebar control. This bike model has a removable battery once the frame is opened with an anti-theft key slot.

ENGINE



Electric hub motor: it is a motor positioned in the rear hub of the bicycle. This position offers the best weight balance by compensating that of the battery on the front. This engine is ideal for overcoming uphill slopes of around 10-15% and has a lower consumption in the plains than other similar engines on the market. The power of 250Watt at 36 Volts allows a maximum speed of 25Kmh with a torque of 12Nm. The autonomy that you have in optimal conditions with a charged battery is 55Km.

FRAME



The frame material is magnesium alloy, which is 1/3 lighter than aluminum alloy and has better impact resistance. The frame process adopts magnesium alloy die casting technology, which breaks the traditional welding process and ensures that the whole electric bicycle has no welding.



FOLDABLE FRAME

The peculiarity of this bike is that it has a folding frame, with few and easy operations and without the use of tools it is possible to fold the bike. This offers the possibility of transporting the bicycle occupying a small space such as in the trunk of the car or the locker of a boat.



FUJY WHITE

COLORS



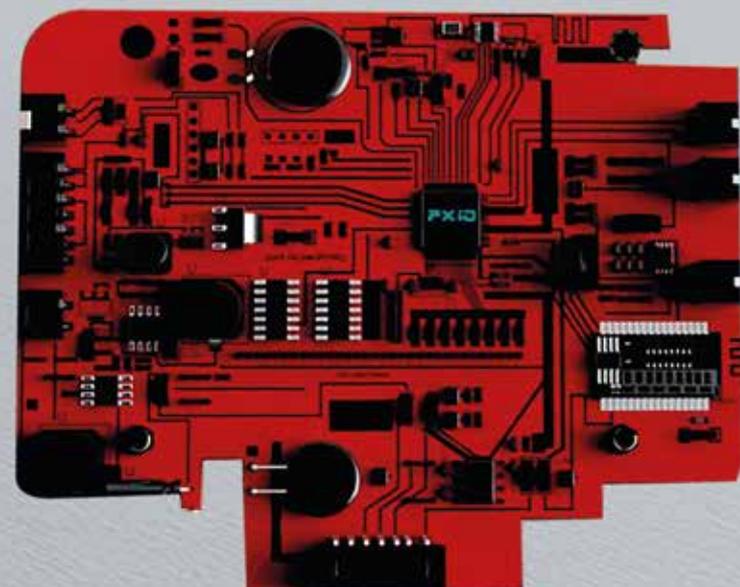
PHANTOM BLACK

DASHBOARD



Everything under control: A functional, complete and legible LCD dashboard allows you to keep every function under control, from speed to travel time, from partial to total kilometers, from the remaining battery charge to the selection of the pedal assistance steps.

ELETTRONIC



The 250 watt / 36 volt motor is controlled by an electronic control unit (Controller) which, based on the level of assistance chosen and the effort of the cyclist on the pedals, delivers a certain amount of power. In practice, with a high effort and / or pedaling frequency, the assistance of the electric motor will be greater. The controller this bike is equipped with is equipped with the latest generation powerful PXID chip.

SHOCK ABSORBER



The ride comfort of this bicycle is guaranteed by the rear shock absorber which absorbs the roughness of the road. Even on the most bumpy roads it will always be comfortable to use the bike together with maximum road holding.

BRAKE



Safety in mind: The braking distances of a vehicle are essential for safety, and therefore this bike is equipped with a front and rear disc brake with mechanically operated caliper. This type of brake allows limited stopping distances in all conditions. The conformity of the daisy disc in addition to the aesthetic factor allows a greater dissipation of heat and dust that is created on the braking surface of the disc.

BITBIKE

www.bitbike.it

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