



Solexity

The classic goes electric

TECHNICAL SPECIFICATIONS

Frame:

- Frame design by Pininfarina
- Alloy 6061
- One piece frame
- Internal cables
- Built-in luggage carrier
- Color: Black Matte, Gun Metal Grey and Pearl White

Battery:

- Lithium-ion polymer Sony cells
- Solex Battery Management System (BMS) with balance cell
- 36 volts, 11.6 amps
- Removable battery for charging
- 2 charge indicators: on the display and on the battery
- Key lock
- Charging time: 80% in 4 hours and 100% in 6 hours

Motor:

- 400 watts nominal, high torque, rear motor
- Efficient brushless, Japanese patent
- CAN and US standard

Autonomy:

- 45 to 70 km / 28 to 44 miles, criteria: pedal assist-level terrain-weight of cyclist

Display:

- Solex designed 4 button display mounted on the handle bars
- Displays 6 level assist steps in both sport and normal mode
 - Level battery indicator
 - Odometer: km/h and mph

Shimano components:

- Alivio shifter
- 9 speed cassette gear system (rear)
- Disk brakes both front and rear

Suspension:

- Solex design shocks

Speed:

- 32 kph / 20 mph motor assisted
- Hand grip throttle

Saddle:

- Comfort Solex design with elastomere suspension

Tires:

- CST 26 inches with no puncture feature
- Kevlar protection

Other bikes specs:

- Integrated front and rear lights
- Total weight: 25 kg (without battery)
- Solex designed double-wall rims
- Front and rear mudguards
- Chain guard, bell and kick stand
- Quick release lever on the front wheel

Warranty:

- Bike and electric components for one year
- Bike frame for two years
- Battery for 18 months

Colors



Black Matte / Red



Pearl White / Black



Gun Metal Grey / Brown

Concept

We have maximized the integration of electrical components on our Solexity bikes and still maintained our classic look in order to preserve the Solex heritage.

* Final product specifications may vary slightly