



# Solexity 500

The classic goes electric

## TECHNICAL SPECIFICATIONS

## Colors

### Frame:

- Frame design by Pininfarina
- Alloy 6061 one size
- One piece frame
- Internal cables
- Built-in luggage carrier
- Color: Dark Grey

### Battery:

- Lithium-ion polymer Sony cells
- Solex Battery Management System (BMS) with balance cell
- 48 volts, 11 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:

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

### Autonomy:

- 40 to 60 km / 25 to 37 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 speeds cassette gear system (rear)
- Disk brakes both front and rear

### Suspension:

- Solex design shocks (adjustable) with locking mechanism

### Speed:

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

### Saddle:

- Comfort Solex design with elastomere suspension

### Tires:

- Schwalbe 26 inches brown "big apple"

### Other bikes specs:

- Integrated front and rear lights
- Total weight: 26 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



Dark Grey / Brown

## Concept

We have maximized the integration of electrical components on our Solexity 500 bike added a more powerful motor and still maintained our classic look in order to preserve the Solex heritage... The Classic Goes Electric

\* Final product specifications may vary slightly