

## Specification

### Front rim

2.50-17aluminium alloy wheel(with road tire)  
J21x1.6aluminium alloy outer ring with wire  
wheel(with offroad tire)

### Rear tire

120/70-17(road tire)  
4.10-18(offroad tire optional)

### wheelbase

1477mm



### FOC Vector controller

Provide accurate control, maximum output current of 75A,  
self-developed FOC vector controller, precise drive motor work,  
make acceleration more smooth, bring better cycling experience.

## CONTROLLING SYSTEM

|                                      |                                        |                                  |                           |
|--------------------------------------|----------------------------------------|----------------------------------|---------------------------|
| Controller<br>FOC                    | Instrument<br>LCD meters               | Battery capacity<br>72V 31.5Ah   | Max output current<br>75A |
| Start system<br>Keyless start system | Color of instrument<br>White backlight | Standard charge<br>current<br>5A |                           |

## PERFORMANCE PARAMETER

|                                                                                                                         |                                                                         |                                                                                       |                                                                          |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Range<br>120km (1battery 20km/h)<br>240km (2batteries 20km/h )<br>72km (1battery 45km/h )<br>144km (2 batteries 45km/h) | Front braking<br>240mm single disc,<br>two cylinder piston<br>callipers | Rear suspension<br>Medium hydraulic<br>shock<br>absorber Adjustable<br>spring preload | Back braking<br>210mm single disc ,<br>single cylinder piston<br>caliper |
| Front suspension<br>37mm inverted hydraulic shock<br>absorber<br>Adjustable rebound damping                             | Rated power<br>3kw                                                      | Braking distance<br><1.3 (20km/h)                                                     | Ground Clearance<br>320mm                                                |
| Seat Height<br>880mm                                                                                                    | Net Weight<br>110kg                                                     | Product Dimensions<br>2080mm*860mm*1150mm                                             |                                                                          |



**ES1 - OFF ROAD**