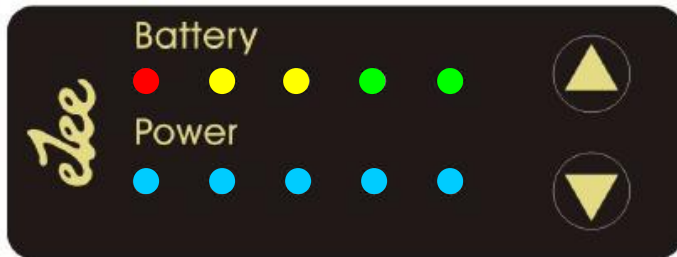


eJee Battery Gauge Manual

Power On

During power on, the battery gauge will do an initialization with all the LEDs light up for 2 seconds before entering normal operation. If all the LEDs fail to light up, there is a fault in the battery gauge. Try to switch On/Off the ignition key again to initialize.

Basic Operation



Battery level shows the state of charge of the battery. As you continue to cycle and the battery power drops, the level gauge will correspond to the state of charge remaining. If the battery level shows 'red', it is best to recharge.

Power level shows the level of electric assistance in pedelec mode. There are 5 levels of assistance and zero assistance. Use Up▲ or Down▼ button to increase or decrease the level of electric assistance needed.

Setup Menu

Hold the 'Down▼' button for about 5 seconds to enter setup menu.

Use Up▲ or Down▼ button to select the appropriate settings.

In menu setup, hold the 'Down▼' button for about 3 seconds to save and switch to the next menu.



Menu 1: Mode Selection

Mode 1 (Default): Pedelec / EBike (US): Power Led Bar shows the assist power level. When throttling, it switches to EBike mode.

Mode 2: Pedelec (EU): Power Led Bar shows the assist power level. Throttling will be in 6km EBike mode.

Mode 3: Not in used. For future development.

Mode 4: Pedelec (EAF): Responds to throttle/EAF. Power Led Bar Bar shows the current (amps) level.

Mode 5: EBike (Cruise): Responds to throttle (from gauge). Power Led Bar shows the current (amps) level. 'Up▲' button set cruise. 'Down▼' button turn off cruise. EBrake will also disengage cruise.

Advanced Menu (For Dealers)

Hold the 'Up▲' and 'Down▼' button together during power up to enter setup menu.

Use Up▲ or Down▼ button to select the appropriate settings.

In menu setup, hold the 'Down▼' button for about 3 seconds to save and switch to the next menu



Menu 1: Voltage Selection

1 – 36V (Default)

2 – 48V



Menu 2: Shunt Resistance

The battery gauge is calibrated to the controller's current sensing shunt by programming the shunt resistance value. This will be preset in the factory to match the controller on the bike or kit.

Shunt Value (mOhms)

1 – 0.89 – 1.13

2 – 1.14 – 1.38

3 – 1.39 – 1.63 (Default)

4 – 1.64 – 1.88

5 – 1.89 – 2.13



Menu 3: Current Limit

Set the upper current limit. The battery gauge will scale down the amperage drawn when it senses that it exceeds the current limit.

Current Limit Value (Amps)

1 - 4.0

2 - 8.0

3 - 12.0

4 - 16.0

5 - Disabled (Default)