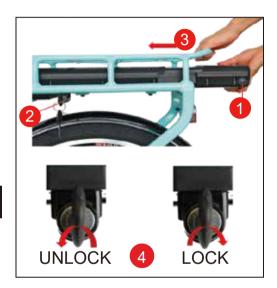


E-BIKE

Easy 24 Envoy 200 Extended 2.0 Owner's Manual

BATTERY INSTALLATION INSTRUCTIONS



- 1 Press the switch the 'O' side to turn the battery OFF.
- 2 Make sure the key is in the unlock position.
- 3 With one hand holding the end of the battery and the other hand holding the end of the rear rack, slide and push the battery all the way into the battery rack.
- 4 Lock the battery with the key. Failure to lock the battery can result in inconsistent power while riding.

*The key is only for locking and unlocking the battery.

When in "locked" position, don't leave the key in the key way.

Remove the key and keep it with the bike to prevent its loss.

We recommend keeping the spare key with the charger.

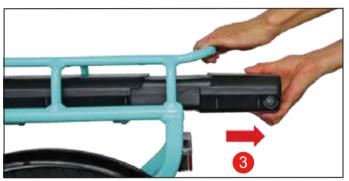
BATTERY REMOVAL INSTRUCTIONS

For safety reasons and to meet regulation of international freight shipping, the lithium-ion battery was only partially charged, before being placed in sleep mode.

Please fully charge the battery BEFORE the very first use. See page 4.

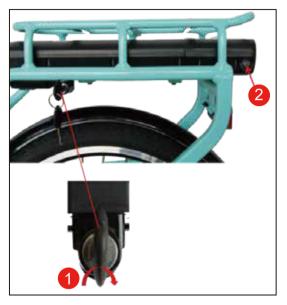
Carefully read and follow all instructions and guidelines in this manual.





- 1 Press the switch to the 'O' to turn the battery OFF.
- Insert the key into the battery key way. Turn counterclockwise to unlock the battery.
- With one hand holding the end of the rear rack and the other hand holding the end of the battery, pull the battery backwards away from the bicycle to remove the battery.

TURNING THE BATTERY ON



- Make sure the key is in the locked position and the battery is secure and stable in the rack. Once locked, pull out the key for safekeeping. We recommend keeping the spare key with the charger.
- 2 Turn the battery power switch **ON** by turning it to the () side.

The symbols of battery switch:

CHARGING THE BATTERY



- (a) Make sure the battery voltage is accordance with the charger.
- 36V battery can only be charged by the 36V (42V) charger 48V battery can only be charged by the 48V (54V) charger
- (b) Open the soft cover 5 of the battery charging port.
- (c) Insert the charging connector 6 into the battery charging port 5. The charger LED indicator is off.
- (d) Connect the charger power plug 7 to 100V/240V AC, the charger LED indicator is GREEN Light. See page 5
- (e) Turn On the battery for charging. The charger LED indicator turn to RED Light.
- (f) When the charger LED indicator turns GREEN again, the charging process is completed. Pull out the charger connector with battery, store the charger for next charge.

CHARGING THE BATTERY



LED indicator 8 Red light indicates charging. Green light indicates fully charged.

If after 8 hours of charging the LED indicator is still Red, please stop charging and contact the supplier for service.

BATTERY POWER INDICATOR



When the battery power is turn on $\lceil - \rfloor$, push the soft button \bigcirc to activate the capacity meter.

- Telephing red light, means little or no power remaining.

 Needs to be charged.
- 11 LED green bars indication
 - 3 green lights = full energy capacity
 - 2 green lights = mid energy capacity
 - 1 green light = low energy capacity
 - 1 steady red light = little or no energy remaining

* We recommend charging the battery after every ride.

BATTERY STORAGE

- If the bike is ridden on and/or after a rainy day, remove the battery and wipe it dry.
- When not using the battery for a long period of time or after charge, unplug the battery from the bike.
- Check the battery energy status and charge every three months.

CAUTION when charging:

- (a) It is strictly forbidden to charge the battery with an uncertified charger.
- (b) Avoid direct sunlight. Charge in dry and weld ventilated environment.
- (c) For best charging efficiency, charge in temperature range of 32°F to 104°F (0°C to 40°C).
- (d) Battery performance deteriorates over time whether the battery is used or not. This is known as "calendar fade". Performance also deteriorates with usage and this is known as "cycle fade". Follow these instructions to help extend the battery life and performance.

Model / Battery / Charger Chart

Model	Battery	Charger
Easy 24	36V	36(42)V
Envoy 200	48V	48(54)V
Extended 2.0	48V	48(54)V

Throttle

LCD OPERATION:

On & Off

On M

Push for 1 second

Off

M

Push for 2 seconds

LCD dashboard content description Power output and battery level indicators section



Each cell means 2A (current) of output



(2) BATTERY level indicator:

100~90%

90~80%

80~60%

60~40%

40~20%

20~10%

10% Flashing















When the battery is empty, all six cells are blank and red light will flash. Motor will stop and show ERROR code (1). *Please charge, or install a charged battery, ASAP

Power Assistance Level Indicator Section

Push (4) to increase power assistance level (0.1.2.3.4.5)

Push to decrease power assistance level (5.4.3.2.1.0)



Speed Indicator Selection : MPH vs. KM/H

Push M and simultaneously for 2 seconds to change the speed unit

between Miles Per Hour (MPH) and Kilometers Per Hour (KM/H).





q

Additional Information Section



- Screen cycles through the information modes automatically
- Odometer recorded by the system since the manual reset
- Time since the system was turned on
- M Distance traveled since system was turned on
- Max Speed since system was turned on
- * NOTE 1: Distance and speed units will depend on the selected MPH or KM/H unit in the Speed Indicator section.
- * NOTE 2: To clear all info except for odometer, push and together for 2 seconds.
- * NOTE 3: To clear all info including odometer, push Mand together for 10 seconds.

LCD OPERATION

Throttle

Push the throttle lever. The bike can start without pedaling.

Walking Mode 3.8MPH (6Km/H)

Press — on control panel button for 2 seconds to start the walking mode.

Button must be held to continue walking mode. Releasing the button will immediately stop the walking mode.

Walking mode will allow the motor to run up to 3.8MPH (6KM/H)

It is designed to assist when pushing the bike uphill or need to go slowly.

When engaged, the power assistance indicator will show AUTO 6.

LCD Backlight and Front & Rear Lights

On: Press and hold 🕩 on control panel for 1.5 seconds to turn on.

Off: Press and hold on control panel for 1.5 seconds to turn off.

NOTE: Bicycle battery must be "ON" for the bicycle lights to work.







If shows up, there is an error. The indicated numeric codes are defined as follows:

Error code	Definition	Solution(s)
1	Voltage too low 48V is under 42V // 36V is under 32V	Charge battery, or replace.
2	Brake is stuck or shorted	Check the brake to make sure it's not stuck. Unplug the brake wire to see if message goes away. If it does, the wire maybe shorted.
4	Crank sensor: no signal or no phase	At power on with power assistance level (0), error code (4) may appear. The code should disappear automatically after 30 seconds, or when you start pedaling. If you start pedaling, but the code stays on within the first 30 seconds, it indicates there is no flash signal from the crank sensor. *Sensor needs to be replaced.
5	Motor overload, reduce motor output	Shutdown and restart the system. Put on max assistance level. Motor requires repair.

LCD OPERATION

6	Controller temperature exceeds 158°F (70°C)	Power off and wait until the temperature decrease back to normal about 10 minutes.
8	Motor Hall is abnormal	Is the connection between motor and controller loose or broken? Motor requires repair.
9	Motor overcurrent	Shutdown and restart the system. Motor requires repair.
14	Wheel diameter Sensor abnormal	Check wheel sensor or wheel magnet
15	Voltage too high 48V system: battery is above 60V 36V system: battery is above 44V	Replace the battery.
17	Lost or abnormal communication between LCD and controller.	Shutdown and restart the system. Is the wire between the LCD and controller loose or broken? Controller or LCD may require repair.



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