



Quest eBike Kit Manual



Scan the QR code to get videos for installation and use

Please read this manual carefully before use and keep it properly
In case of product technology or software upgrade, without prior notice

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Packing list

Due to slight differences in the specific configuration, the picture below is for reference only, and the actual product may vary.

			
Motor wheel	Battery	Controller	Charger
			
Phone holder	Thumb throttle (Customized)	Cadence sensor	

Installation

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1. Wheel Installation





Install the motor wheel into the front fork, and lock the nuts in the order shown in the picture

2. Controller Installation



3. Battery Installation



- ① Pull out waterproof plug
- ② Put the bottom of the battery into the bracket bottom, and insert the latch on the battery head into the lock slot
- ③ Press the lock cylinder to lock the battery
- ④ Fasten the PVC straps (if applicable)

4. PAS Installation



5. Cable Connection



Connect wires from controller to motor, cadence sensor and throttle.
Fasten the wiring along the frame with the strap.

Note to align the arrows on the connector and connect.

6. Download and Install APP

Download the APP by scan the QR code as below.



IOS



Android

Function

Buttons Function



power button, power indication by default



"+", "-" buttons, switch PAS level

APP Function



Cautions

1. Before charging, the arrow of DC head of the charger faced up, first plug the DC head, then the AC head
2. After fully charged, first unplug the AC head, then pull out the DC head
3. If outdoor temperature is below 0°C the battery must be restored to above 0°C indoors before charging
4. Steps for removing battery:
 - ① Untie the PVC strap (if applicable)
 - ② Insert the key into lock cylinder, push it inward with a little force, turn it clockwise first, hear a "click", then turn it counterclockwise to pull out the key, the lock cylinder will pop out, indicating that the battery has been unlocked.
 - ③ Take the battery out of the holder.
 - ④ Cover the discharge port on the holder with waterproof plug.

Error Code

When the system works abnormally, error code will flash on the battery cover screen and the APP. Click error code on the APP, the corresponding fault description will be displayed.

For specific fault information, please refer to the table below.



Controller Error Manual					
Type 1 Error			Type 2 Error		
Error Code	LED Flashing	Description	Error Code	LED Flashing	Description
0121	1-2-1	Hall A Error	0211	2-1-1	Overvoltage
0122	1-2-2	Hall B Error	0212	2-1-2	Undervoltage
0123	1-2-3	Hall C Error	0221	2-2-1	Throttle Protected
0124	1-2-4	Motor Connection Fault	0222	2-2-2	Brake
0131	1-3-1	Phase A Disconnected	0223	2-2-3	Leave Seat Protect
0132	1-3-2	Phase B Disconnected	0224	2-2-4	Stall
0133	1-3-3	Phase C Disconnected	0231	2-3-1	Controller Temperature Orange Alert
0141	1-4-1	Phase A Sampling Error	0232	2-3-2	Controller Temperature Red Alert
0142	1-4-2	Phase B Sampling Error	0241	2-4-1	Overspeed
0143	1-4-3	Phase C Sampling Error	0242	2-4-2	Locked
0151	1-5-1	Phase A Overcurrent			
0152	1-5-2	Phase B Overcurrent			
0153	1-5-3	Phase C Overcurrent			

Warranty

One year warranty on the Quest Series battery for one year, and all other parts for two years. The warranty period starts from the date of production.

The following conditions are not covered by the warranty service, but we provide lifetime paid service:

1. Damage caused by accident or improper use;
2. Repair the damage caused by yourself without the permission of our company;
3. Unable to provide the barcode of the defective part;
4. Exceeding the valid warranty period.