

# OULO

## OULO-E26 E-Bike

For adults weighing up to 120 kg

<https://www.ouloobikes.com/>



[info@ouloobikes.com](mailto:info@ouloobikes.com)



**Model: E 2 6**

**Manual**

## **Note**

### **Battery and charging:**

Charge at 0°C~45°C, discharge at -20°C~60°C, keep the battery dry, do not put the battery in acidic or alkaline liquid, avoid rain, keep away from fire, heat and high temperature environment. It is strictly forbidden to connect the positive and negative poles of the battery in reverse, and it is strictly forbidden to damage, insert the battery or short-circuit the battery. Please use the original special charger when charging, do not exceed 6 hours, and the charging current does not exceed 2 A. When not in use for a long time, please keep the battery in a cool and dry place, and charge the battery for five hours a month. The user must follow the instructions for use when charging, otherwise the consequences will be at his own risk. Pay attention to the battery type and applicable voltage that the charger can charge, and it is strictly forbidden to use them together. When charging, it should be placed in a ventilated environment. It is strictly forbidden to charge in residential buildings, confined spaces, or in high-temperature environments. When charging, plug in the battery first, then add the mains; after charging enough, cut off the mains first, and then unplug the battery. When the green light is on, the power supply should be cut off in time, and it is forbidden to connect the charger to the AC power supply without load for a long time without charging. During the charging process, if the indicator light is abnormal, there is a peculiar smell, or the charger casing is overheated, the charging should be stopped immediately, and the charger should be overhauled or replaced. During the use and storage of the charger, pay attention to avoid the entry of foreign objects, especially avoid the inflow of water or other liquids, so as not to cause a short circuit inside the charger. Try not to carry the charger with the car. If you really need to carry it, it should be placed in the toolbox after the shock absorption treatment is done. Do not disassemble or replace the accessories in the charger by yourself.

### **Ride:**

Do not use it until you read the instructions carefully and understand the performance of the product; do not lend it to someone who can't manipulate the product for riding. Before riding the bicycle, check whether the brakes are working. Pay attention to the brake tightness. If the brake is too loose, use an Allen key to tighten it. Pay attention to increasing the braking distance when riding in rain or snow. Applicable age: 16 to 65 years old for riding. Please be sure to wear a safety helmet when riding a bicycle, follow the traffic rules, and do not drive on motorized lanes and roads with many pedestrians. Please check the tire pressure before riding, the recommended tire pressure is 35-40PSI. Downhill and non-paved roads shall not exceed 15KM/h. When using the motor, please be careful not to hit it vigorously and keep the rotating shaft lubricated. It is not allowed to ride with more than the maximum weight of the body (the maximum load is 120KG). After use, the car cannot be parked in the building hall, evacuation stairs, and safety exits. It must be parked correctly in accordance with the safety rules.

**Statement of responsibility:**

After riding, please store the bike in a place without sunlight and rain, not in residential buildings; always check the motor and brake;

Regularly check the various screws of the car and the places that need to be tightened, and tighten them regularly.

Recommended torque: (unit: kgf. cm) horizontal screws 60-80, stem screws 175 ~ 200, seat cushion screws 175 ~ 200, wheel screws 320 ~ 450;

The front and rear wheels of the vehicle should be located in the center of the front fork or frame;

Always check the rotation for scratches, cracks or excessive wear. The inner tube and valve should be perpendicular to the wheel hub and not skewed. Damaged or excessive; worn tires need to be replaced immediately, please find a professional technician to replace your tires, if your tire accidentally punctures and leaks, please contact a professional technician for repair or replacement.

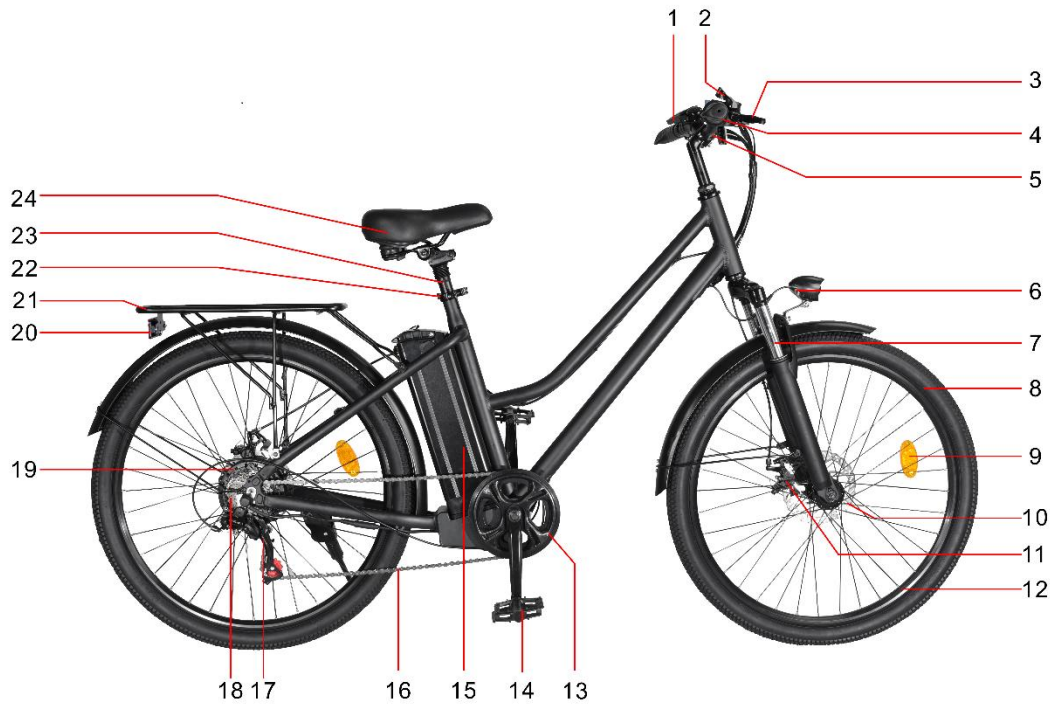
**Maintenance and maintenance:**

The product models, specifications or related information mentioned in this manual are reserved by the company with the right to modify and final interpretation; the functions of a specific model mentioned in this manual are only applicable to that specific model;

The product models, specifications or related information mentioned in this manual are subject to any modification or change without notice;

Without the prior written permission of the company, the contents of the manual may not be copied, modified, reproduced, disseminated or published in any form. Please read this manual carefully before using the product, and operate in accordance with the manual, otherwise the company will not be liable for product damage or personal or property damage caused by improper use or error.

**Product parts diagram:**



Whole vehicle diagram

1	Display	13	Sprocket
2	Rear adjustment chain finger shifter	14	Pedal
3	Brake lever	15	Battery
4	Grip	16	Chain
5	Handlebar	17	Rear derailleur
6	Headlight	18	free wheel
7	Front fork	19	electric machinery
8	Tire	20	Rear reflector
9	Wheel reflector	21	Rear shelf
10	Disc brake pad	22	Quick release of seat pipe adjustment
11	Disc brake	23	seat tube
12	Wheel hub	24	Seat




figure 1




figure 2

### Function introduction:

1. Charging: Open the plastic cover on the battery ( Figure 1), connect the charger to start charging, when the battery is full and the charger indicator turns from red to yellow-green, it means it is fully charged.

2. Turn on: Turn on the battery switch; refer to Figure 2, press and hold the  key to turn on/off the power.

3. Power display: The dashboard lights up after power on, displaying power. The power is displayed in 6 grids, corresponding to high, medium, and low power.

3. Front light: Refer to Figure 2, short press the  key to turn on/off the front light.

5. Start: When riding with power assist, step on the sprocket of the car and start the motor assist after a certain speed. If you don't need motor assistance, you can turn off the power or turn off the battery or set the instrument to 0 gear.

## Product parameter

Physical dimension	Parameter	Standard Edition
	Body material	Aluminum alloy
	Vehicle color	Black or white
	Vehicle size	L*W *H: 1850mm*600mm*1100mm
	Wheel form	Wire spoke wheel
	Wheel size	26 "
	Package size	L*W *H: 1485mm*245mm*780mm
Performance parameter	G / Net weight	25.8kgs/21.2kgs
	Maximum payload	120kg
	Maximum speed	25Km/h
	Range	≅ 35 Km ( Electric power ride mode )
	Maximum climbing angle	25 degree
	Service temperature	-10~45 degrees
	Waterproof level	IP54
Electrical specifications	Battery type	18650 lithium ion power battery
	Battery capacity	10Ah
	Battery rated voltage	36V
	Motor type	Boost
	Motor type	26"/36V/ high-speed toothed brushless motor
	Motor rated power	350W
	Rated no-load speed of motor	300 ± 10r/min
	Charger output	42V 2.0A
	Charger input	100~240V 50/60Hz 3.0A
	Undervoltage protection value	30V ± 1V
	Overcurrent protection value	15±1 A
	Charging time	4-5 hours
Product features	Instrument display	Multi-function LCD screen
	Brake and braking mode	F/R disc brake
	Tire style	Pneumatic tire
	Tire specification	Tires: 26×2.125
		Valve: 26×2.125, inner tube valve is AV
	Front fork	Suspension front fork
	speed	7S
Headlights	Yes	

**Remarks:**

Electricity, load, tire pressure, road environment, chain and wheel axle lubrication, etc. will affect the maximum speed; the cruising range is: load 60kg, speed 15-25km/h, smooth and hardened road, from full charge to full power consumption, Uninterrupted test results; driving habits, temperature, load, tire pressure, road environment and other factors will affect the cruising range.

**Display instructions:**

一、 Appearance size and material: the product shell is ABS, and the liquid crystal transparent window is high hard acrylic.

二、 Working voltage and wiring mode

Working voltage: DC24V, 36V, 48V, 60V compatible (instrument selection and setting)。

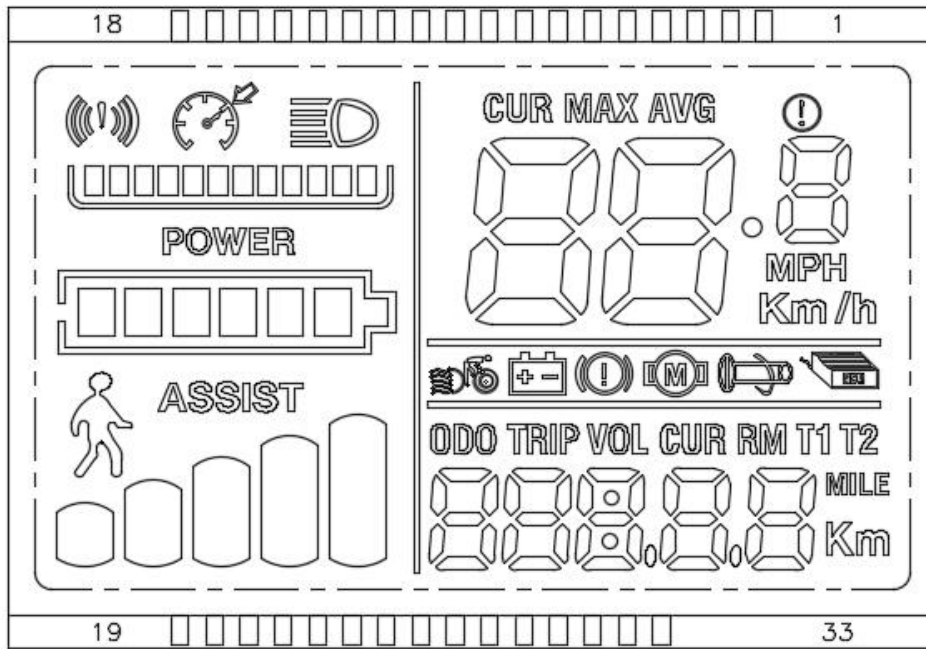
三、 Function Description:

1. Function


Speed display, Boost ratio display, Power indicator, Fault prompt, Total mileage, Cumulative mileage, Brake indicator and headlamp display.

2. Control and setting functions:

Power switch control, headlight switch control, 6km / h boost control, 3rd gear boost ratio setting.



**Display content introduction:**


1. Headlight 

2. Current status level 

3. Voltage status level POWER 

4. Multi-function display area 

Total mileage ODO, single mileage TRIP, digital voltage VOL, digital current CUR, running time T1

5. Speed display area 

Current speed CUR, maximum speed MAX, average speed AVG


Unit MPH, KM/H


The meter will calculate the true speed based on the wheel diameter and signal data (the motor Hall also needs to set the number of magnets).





6. Fault status display area




Motor failure 

handlebar failure 

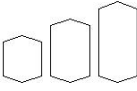
controller failure 


power-off brake lever 

undervoltage protection 

7. Boost status display area



Boost status (0-3 gears) 

Boost mark 

**Meaning of display status code:**

Status code	State meaning
E00	Normal status
E06	Battery undervoltage
E07	Motor failure
E08	Handlebar failure
E09	Controller failure
E10	Communication receiving failure
E11	Communication sending failure

#### 四、 Key introduction:

The specific combination positions of keys are as follows:



The key operation is divided into short press, long press and long press with combination keys, short press for fast / frequent operations.



1. When riding, you need to modify the assist/speed gear, short press.



3. Switch to display data in the multi-function area when riding, short press.

Single key long press Mainly used for mode/switch state switching

The compound key (long press) is used for parameter setting, because the operation is complicated, this can reduce misoperation (short press does not do the compound key, because it is easy to trigger by mistake, it is easy to cause malfunction).

#### Specific operation explanation:


##### 一、 Modification of power assist ratio/electric gear

Assuming that it is currently in assist mode

- 1) Short press , boost +1

- 2) Short press , boost - 1

##### 二、 Switching speed display

- Long press  to switch speed display mode

3. Clear Trip


Long press  to clear Trip

4. Set/deactivate 6Km/h boost, turn on/off headlights

When the vehicle is stationary, long press , Will enter 6KM/h cruise mode,

Short press  on/off headlight

5. Switch the content of the multi-function display area

Short press , you can switch the value of the multi-function display area.

**Note:**

Due to the upgrading of the company's products, the display content of the products you get may be different from the manual, but it will not affect your normal use.



The parameter settings of the instrument have been set before leaving the factory. Please operate according to the instructions of the manual and do not change the original settings of the instrument. Our company will not be held responsible for abnormal functions or functional damage caused by operations that are not in accordance with the instructions of the manual.