



OULO-X37 Mountain Electric Bicycle  
Maximum loading weight: 264.5 lbs  
<https://www.ouloobikes.com/>

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**Model: X37**

## **Note**

### **Battery and charging:**

Charge at 0 °C ~ 45 °C and discharge at - 20 °C ~ 60 °C, keep the battery dry. It is strictly prohibited to put the battery in acidic and alkaline liquids, avoid rain, and stay away from fire source, heat source and high temperature environment. It is strictly prohibited to connect the positive and negative poles of the battery reversely and damage it. Insert the battery or short circuit the battery. Please use the original special charger for charging, not more than 6 hours, and the charging current shall 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 every month. Users must charge according to the instructions, otherwise they will bear the consequences. Pay attention to the battery type and applicable voltage that the charger can charge. Mixed use is strictly prohibited. When charging, it shall be placed in a ventilated environment. It is strictly prohibited to charge in residential buildings, confined spaces or hot sun and high temperature environment. When charging, insert the battery first, and then add the mains power; After fully charged, cut off the mains power first, and then pull out the battery plug. When the green light is on, the power supply shall be cut off in time. It is forbidden to connect the charger to the AC power supply without charging for a long time. In case of abnormal indicator light, peculiar smell or overheating of charger shell during charging, stop charging immediately and repair or replace the charger. During the use and storage of the charger, pay attention to avoid the entry of foreign matters, especially water or other liquids, so as to avoid short circuit inside the charger. The charger shall not be carried with the vehicle. If it is necessary to carry it, it shall be placed in the toolbox after shock absorption treatment. It is not allowed to disassemble or replace the accessories in the charger.

### **Riding:**

Do not use the product before carefully reading the instructions and understanding the performance of the product; Don't lend it to people who can't manipulate the product. Before cycling, check whether the brake works. When braking, please brake first and then front. Pay attention to the brake tightness. If the brake is too loose, use an Allen wrench to tighten it. Pay attention to increase the braking distance when riding in rain and snow. Applicable age: 16 ~ 65 years old. Please wear safety helmets and obey the traffic rules when cycling. It is not allowed to drive in motor lanes and roads with more pedestrians. Please check the tire pressure before cycling. The recommended tire pressure is 35 ~ 45psi. Downhill and non brick pavement shall not exceed 15km / h. When using the motor, pay attention not to hit it vigorously and keep the rotating shaft lubricated. It is not allowed to ride beyond the maximum weight of the vehicle body (maximum load 120kg). After use, the vehicle cannot be parked in the building lobby, evacuation stairs and emergency exits. It shall be parked

correctly in accordance with the safety rules.

**Statement of responsibility:**

After riding, please put the car in a place without sunshine and rain, not in residential buildings; Check the motor and brake frequently;

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

Recommended torque: (unit: KGF. Cm) handle horizontal screw 60 - 80, handle vertical screw 175 ~ 200, seat cushion screw 175 ~ 200, wheel screw 320 ~ 450;

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

Frequently check whether there are scars, cracks or excessive wear in the rotation. The inner tube and air nozzle should be perpendicular to the wheel hub and should not be tilted. Damage or excessive; The worn outer tire needs to be replaced immediately. Please find a professional technician to replace your outer tire. If your outer tire accidentally punctures and leaks, please contact a professional technician to repair or replace it.

**Maintenance:**

The company reserves the right to modify and finally interpret the product models, specifications or relevant information mentioned in this manual; The functions of the specific model mentioned in this manual are only applicable to the specific model;

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

The contents of the user manual shall not be copied, modified, reproduced, transmitted or published in any form without the prior written permission of the company. Please read this manual carefully before using the product and operate in accordance with it. Otherwise, the company will not be responsible for product damage or personal and property losses caused by improper and wrong use.

**Product function diagram**



**Figure 1 (whole vehicle diagram)**

(1)	display	(7)	disc brake disc	(13)	drive motor
(2)	handlebars	(8)	disc brake	(14)	saddle
(3)	brake handle	(9)	lithium battery	(15)	rear reflection
(4)	headlights	(10)	sprocket	(16)	seat tube
(5)	tyre	(11)	chain	(17)	Quick release handle
(6)	hub	(12)	controller	(18)	shock absorber

**Function introduction:**

1. Charging: open the plastic cover on the right side of the frame, connect the charger and start charging. When the battery is full and the charger indicator changes from red to yellow green, it means that it is fully charged.
2. Power on: referring to figure 2, long press "I" key to start / turn off the power supply.
3. Power display: after power on, the instrument panel lights up to display the power. The power is displayed in four grids, corresponding to high, medium and low power.
4. Headlamp: refer to figure 2, long press the "+" key to turn on / off the headlamp.
5. Start mode: power assisted riding, step on the car sprocket and start the electric power automatically after it has a certain speed. If you do not need assistance, turn off the power or turn off the battery.



Figure 2 (left handlebar)

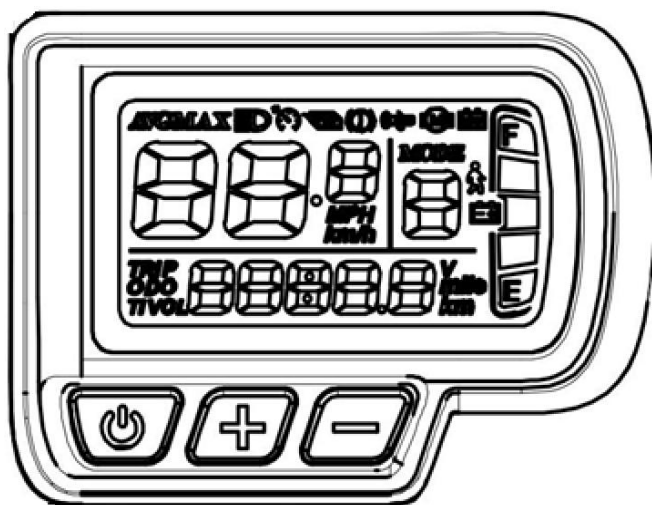
### Product Parameters

	Parameters	Standard Edition
Appearance dimension	body material	aluminium alloy
	Vehicle color	black
	Unfold size	Length*width*height: 1800mm*650mm*1150mm
	Hub form	spoke wheel
	Hub size	26"
	Package size	Length*width*height: 1600mm*280mm*850mm
performance parameter	Gross / net weight	35kgs/30.5kgs
	maximum payload	120kg
	top speed	25Km/h
	Endurance Mileage	≦ 35 Km(pure electric riding)
	Maximum climbing angle	25 degree
	Service temperature	-10-45
	Waterproof grade	IP54
Electrical specifications	Battery type	18650 Lithium ion power battery
	Battery volume	10Ah
	Battery rated voltage	48V
	Motor mode	moped
	Motor type	26"/48V/High speed gear / spoke wheel motor
	Motor rated power	500W
	Rated speed of motor	250r±10r/min
	Charging voltage	54.6V / 2.0A
	input voltage	100~240V 50/60Hz 3.0A
	Undervoltage protection value	39V
	Overcurrent protection value	17±1 A
	Charging time	4-5h
Product features	Instrument display	Multifunctional LCD screen
	Front lighting	Y
	Brake and braking mode	front disc brake rear disc brake
	Tire style	Pneumatic tire
	Tire specification	Tyre:26*4.0
		Air nozzle: 26×4.0 The inner tube valve is AV
	Front fork	suspension front fork
	Middle(rear)shock absorption	Y
	Speed gear	7S
	Headlights	Y
	Horn	electronic horn
	Tpye	Skate and go

**Remarks:** power, load, tire pressure, road environment, chain and axle lubrication will affect the maximum speed; The endurance mileage is obtained from the continuous test with load of 60kg, speed of 15 ~ 25km / h, flat and hardened road surface, from full charge to complete power consumption; Driving habits, temperature, load, tire pressure, road environment and other factors will affect the mileage.

### Instructions for manual control panel of instrument

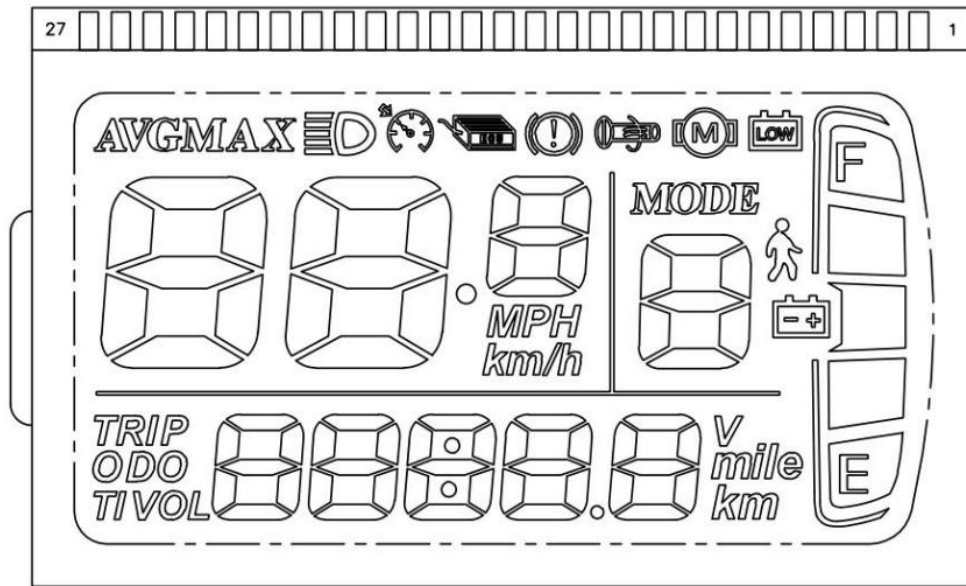
I Appearance size and material: the product shell is ABS, the liquid crystal transparent window is imported high hardness acrylic, and the hardness value is equivalent to tempered glass.




### II Function Description:

1. Display function speed display, boost ratio display, electric quantity indication, fault prompt, total mileage, cumulative mileage, cruise constant speed, brake indication, headlight display.
2. Control, setting function power switch control, front and rear light switch control, 6km / h inching control, 3th gear boost ratio setting.
3. Communication protocol: all contents of UART display screen (full display within 1s after startup)

Display content  
introduction

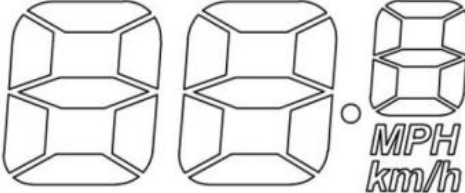


1 headlamp 






2 voltage state level 

3 multi function display area 


4 digital voltage Vol, rotational speed RM, cons, total mileage ODO, single mileage trip, operation time.

5 Speed display area 

The current speed cur, maximum speed Max and average speed AVG are in mph, KM/H

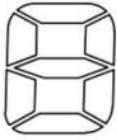

6 Fault status display area  , motor fault  , handle fault  , controller fault  , power-off brake handle  and undervoltage



protection 

### 7 Boost status display area

MODE

Assist state  (gear 0-5), cruise mark 



### III Key introduction:

The specific combination positions of keys are as follows:



#### Introduction to key use


Key operations are divided into short press and long press, and combined key long press and short press are used for fast / frequent operations, such as

1.  When riding, you need to modify the boost / speed gear, briefly press it;
2.  When riding, switch the multi-function area to display data, and briefly click



Single key long press is mainly used for mode / switch state switching. The composite key (long press) is used for parameter setting. Because the operation is complex, it can reduce misoperation (short press does not make composite key, because it is easy to trigger by mistake, and the operation is too difficult).

#### Specific operation explanation


3. Modify the boost ratio / electric gear, assuming that the current mode is boost mode

Short press , boost + 1; The default is gear 1;


4. Set / release 6km / h cruise and switch the headlights;

When the vehicle is stationary, long press once  to enter the 6km / h cruise mode. Hold  for 3 seconds to switch the headlights.

5. Switch on and off the LCD display. If the current display is working, long press

 for 3 seconds to show that the headlights are on. If you continue to press for 3 seconds, the display will be closed. Otherwise, the display will be opened.

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

Short press  to 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.