



OULO-BK7 E-bike with 7 Speed

Maximum loading weight: 264.6 lbs

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



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**Model: BK7
Manual**

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

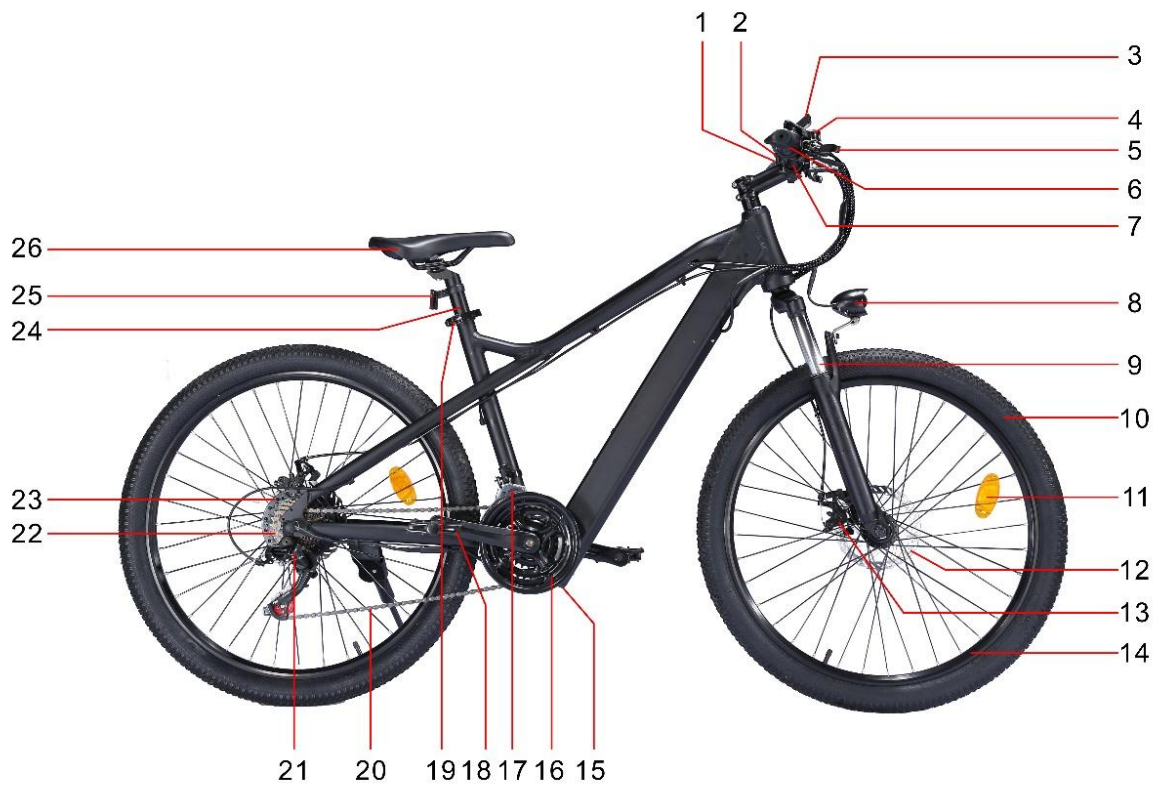


Figure 1 (whole vehicle diagram)

| | |
|---------------------------------------|--|
| 1. Front adjustment chain finger dial | 14. Wheel hub |
| 2. Instrument buttons | 15. Tube storage battery |
| 3. Instrument | 16. Sprocket |
| 4. Rear adjustment chain finger dial | 17. Front derailleur |
| 5. Brake lever | 18. Pedal |
| 6. Handle | 19. Seat tube adjustment quick release |
| 7. Handlebar | 20. Chain |
| 8. Headlights | 21. Rear derailleur |
| 9. Shock-absorbing front fork | 22. 7 speed flywheel |
| 10. Tires | 23. Drive motor |
| 11. Wheel reflector | 24. Seat tube |
| 12. Disc brakes | 25. Rear reflector |
| 13. Disc brake | 26. Saddle |



Figure 2



Figure 3

Function introduction:

1. Charging: Open the plastic cover on the left side of the battery and 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: Refer to Figure 3, and call the battery switch; refer to Figure 2, long press the "M" key to turn on/off the power.
3. Power display: The dashboard lights up after power on, and displays the power. The power is displayed in four grids, corresponding to high, medium, and low power.
4. Front light: Refer to Figure 2, long press the "+" key to turn on/off the front light.
Start mode: power-assisted riding, step on the sprocket of the car, and automatically start electric power after a certain speed. If you don't need assistance, you can turn off the power or turn off the battery.
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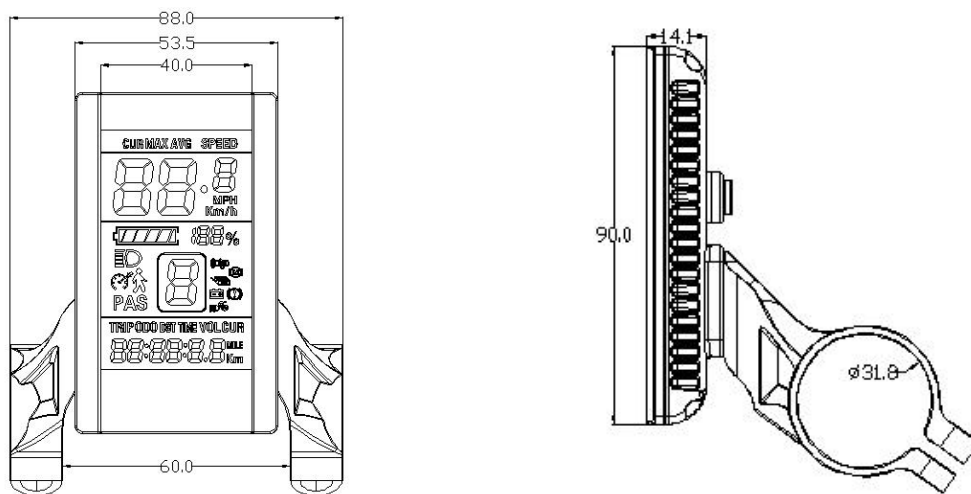
Product Parameters

| | Parameters | Standard Edition |
|---------------------------|-------------------------------|--|
| Appearance dimension | body material | aluminium alloy |
| | Vehicle color | black |
| | Unfold size | Length*width*height: 1760mm*650mm*1150mm |
| | Hub form | spoke wheel |
| | Hub size | 26" |
| | Package size | Length*width*height: 1425mm*226mm*760mm |
| performance parameter | Gross / net weight | 26.2kgs/21.6kgs |
| | 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 | 7.5Ah |
| | Battery rated voltage | 48V |
| | Motor mode | moped |
| | Motor type | 26"/48V/High speed gear / spoke wheel motor |
| | Motor rated power | 350W |
| | Rated speed of motor | 300r±10r/min |
| | Charging voltage | 54.6V / 2.0A |
| | input voltage | 100~240V 50/60Hz 3.0A |
| | Undervoltage protection value | 39V |
| | Overcurrent protection value | 15±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*2.35 |
| | | Air nozzle: 26×2.35 The inner tube valve is AV |
| | Front fork | suspension front fork |
| | Middle(rear)shock absorption | Y |
| | Speed gear | 21S |
| | Headlights | Y |
| | 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.

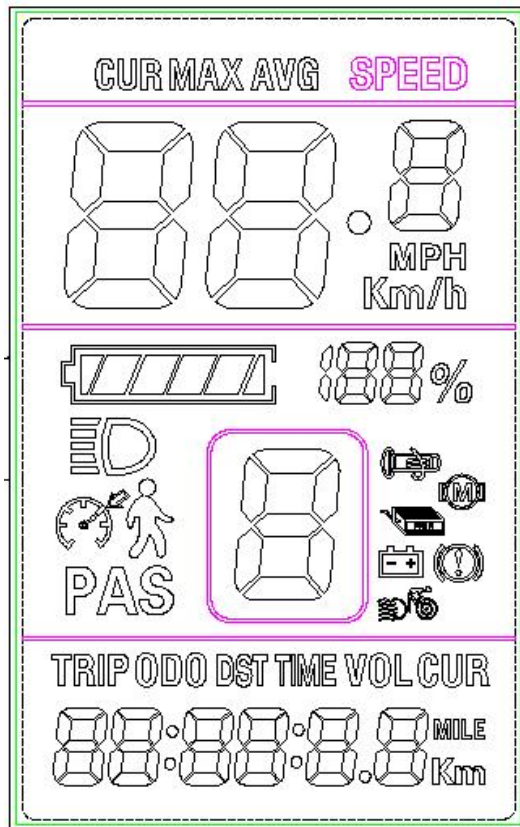
Instructions for manual control panel of instrument

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.



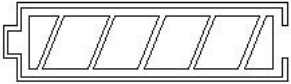
II Function Description:

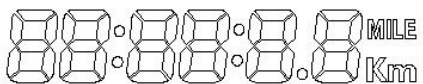
- 1. Display function:** Speed, power-assisted gear, power, fault prompt, total mileage, single mileage, headlight display, single driving time.
- 2. Control and setting functions:** Power switch control, front light switch control, 6Km/h jog control, wheel diameter setting, maximum speed setting, idle automatic sleep time setting, backlight brightness setting, voltage level setting.
- 3. Communication protocol:** all contents of UART display screen (full display within 1s after startup)




Display content introduction:

1 headlamp 

2 Power display  100%

3 multi function display area
 TRIP ODO DST TIME VOL CUR


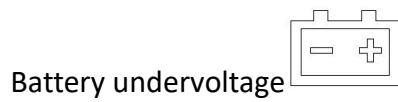
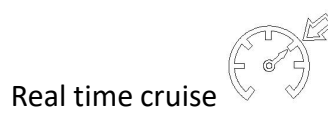
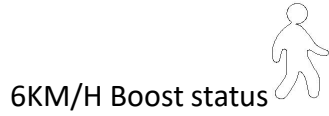
Total mileage ODO, single mileage TRIP, TIME single riding time, VOL current voltage, CUR operating current

4 Power-assisted gear display PAS 

5 Speed display area


Maximum speed MAX, average speed AVG, unit MPH, KM/H

6 Status display area:



III Key introduction:




The specific combination positions of keys are as follows:



Introduction to key use

The key operation is divided into short press, long press and long press with combination keys.

Short press is used for fast / frequent operations, such as:

-   When riding, you need to modify the boost / speed gear, briefly press it;
-  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

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


Short press , boost + 1;

Short press , boost - 1;

2. Switching speed:


Long press  +  to switch the speed display mode


3. Set / release 6km / h cruise, switch the headlights:

When the vehicle is stationary, long press once  to enter the 6km / h cruise mode.

Long press  to switch the headlights.

4. Switch on and off the LCD display:

If the current display is working, long press  the display will be closed. Otherwise, the display will be opened.

1. 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.