



JOYOR Electric Scooter

Please read this instruction manual scooter fully!

This instruction manual contains important safety matters!

Do not use the electric scooter until you fully understand the performance of the scooter!

Please keep this instruction manual properly!

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I. List of Main Components and Parameters of Products



a. Main Components(Ref.) Y-S Series



- 1) Display
- 2) Lamp switch
- 3) Brake handle
- 4) Quick-release grip ring
- 5) Headlamp
- 6) Front shock absorber
- 7) Front mud block
- 8) Front wheel
- 9) Front disc brake
- 10) Folded handle
- 11) Folded base
- 12) Rear mud block
- 13) Rear tail lamp
- 14) Rear disc brake
- 15) Rear shock absorber
- 16) Rear wheel
- 17) Motor
- 18) Side light
- 19) Frame



Y-S Series

Vehicle model	Y5-S	Y6-S	Y7-S	Y8-S	Y9-S
Battery capacity	48V 13Ah	48V 18Ah	48V 22Ah	48V 26Ah	60V 20Ah
Endurance range	40-50km	55-75km	65-85km	75-95km	70-90km
Maximum speed	38km/h	38km/h	38km/h	38km/h	45km/h
Motor power	500W	500W	500W	500W	800W
Frame material	Aluminum alloy				
Brake system	Front and rear disc brake				
Front shock absorber	Dual spring shock absorber				
Rear shock absorber	Hydraulic shock absorber				
Tire	10-inch inflatable wide tire				
Maximum load	120kg	120kg	120kg	120kg	150kg
Charge duration	6.5-7h	8-10h	11-12h	13-14h	10-12h
Unfolded size	1200*570*1190mm				
Folded size	1150*210*380mm				
Net weight	23.0kg	24.0kg	25.0kg	26.0kg	27.5kg
Gross weight	26.5kg	27.5kg	28.5kg	29.5kg	31.0kg
Packaging size	1200*250*460mm				



II. Safety Instructions for Use

1. This product is an electric scooter for adults, is limited to one person, and do not scooterry others at the same time. Minors must use it under the supervision of adults.
2. Please wear safety helmets and other protective equipment when riding this product.
3. Please do not ride this product in unsafe or illegal places such as motorways.
4. Please practice in the open space first, and drive after skillfully controlling.
5. Please do not do dangerous actions or ride with one hand while the scooter is driving. Keep your feet on the pedal.
6. Do not turn off the power supply while the scooter is driving.
7. Please do not try to directly pass through the steps with a gap of over 3cm, which may overturn the scooter and cause injury to the driver or damage to the scooter. Steps below 3cm should also be avoided as much as possible.
8. In case of rough or uneven road conditions, please slow down or get off the bus to push.
9. Users must adjust the height of the product to the appropriate position to ensure driving safety.
10. Do not ride this product on slippery roads with oil or ice on the surface.



11. Do not use this product in an environment below -5°C.
12. Please do not immerse the product in a depth of more than 3cm of water and put it on hold to avoid damage to the electrical parts of the vehicle due to water inflow.
13. Do not ride in bad weather such as rain, snow and strong winds, so as not to cause unnecessary injuries due to unnecessary factors.
14. If you do not use this product for a long time, please charge it at least once within 30 days. The charging port must be kept clean and dry.
15. Do not expose this product to the sun for a long time. At the same time, outdoor enclosure should be avoided.
16. Please use the charger equipped with our company's scooter. Do not use the charger indiscriminately to avoid safety problems.
17. When charging, it is necessary to ensure that someone is on site to manage it.
18. Please try to charge in an open place. When the charger temperature is too high, please stop charging.
19. Please do not leave it in a severely humid place for a long time.
20. Plastic bags are in danger of suffocating babies.



III.Operation instruction

a.Fold and Expand



1



2



3



4



5



6



7



8



9



b.Riding operation



- ① On/off
- ② Gear switch
- ③ Throttle handle
- ④ Gear Indication
- ⑤ Speed indication
- ⑥ Multiple Indication Area/Mileage Indication
- ⑦ Battery Level Indicator
- ⑧ USB charging interface



- (1) Press the instrument startup key for 3seconds, the speed gear automatically defaults to the first gear. In order to be safe, the default setting of this product is non-zero starting. Before you can start riding, it is necessary to use the foot to assist the slide and use the index finger to hook the acceleration handle at a constant speed at the same time.
- (2) When riding, you can press the M key of the instrument according to different road conditions, so as to realize the adjustment of Gear 1, Gear 2 and Gear 3 switching (Gear 1 low speed, Gear 2 medium speed, Gear 3 high speed) and adjust the riding speed; at the same time, within the speed range of each gear, the speed at that time can be controlled by hooking the acceleration handle with the index finger.
- (3) If you need to use the cruise function, you can go to the setting interface P16 to adjust it to 0000001. After riding starts, adjust the speed to the appropriate state through the gear adjustment key, and then hook the accelerator to the end until the constant speed cruise icon on the dashboard lights up, and the vehicle will turn on the constant speed cruise function at the current speed. Hook the accelerator or hold the brake lever again, i.e. the constant speed endurance function will be released.
- (4) If you encounter someone or obstacles in front of you during riding, please release the throttle first, and brake the left brake handle (rear brake) first and then brake the right brake handle (front brake) next to stop braking or deceleration.
- (5) Long press M key to switch on headlights.



(6) Fault Code

ERRO 1: Motor Failure

ERRO 2: Handle Failure

ERRO 3: Controller Failure

ERRO 4: Power-off brake handle

ERRO 5: Undervoltage Protection

ERRO 6: Communication failure, instrument can't receive controller output

ERRO 7: Communication failure, controller can't receive instrument output

c.How to charge

1. Open the charging hole rotation protection sleeve and insert the charger output connector into the charging hole on the body.
2. Plug the charger input plug into the supply socket (AC110V-220V).
3. The charger indicator light is red, indicating that charging is taking place; when the charger indicator turns green, the battery is fully charged.
4. When charging the battery, please place it in a dry and ventilated environment for use.



IV.Product Maintenance

Tire: This product tire uses rubber elastic tire. When the tire present obvious wear or rupture and needs to be replaced in time, please contact the dealer to replace the original tire. Every month, please check a scooter to see if there are any loose screws. If there are loose screws, please tighten them in time.

Brake: This product adopts the braking mode of front disc brake and rear drum brake. Usually, more attention should be paid to check the thickness of brake friction plates. If there is serious wear, it should be replaced in time to prevent adverse consequences caused by braking.

Battery: when you get the electric scooter for the first time, please charge the battery and use it.If the vehicle is not used for a long time, it must be charged at least once a month.

If the state power cannot be charged, please contact the after-sales service as soon as possible.The battery damaged due to other abnormal factors such as water inflow and collision is not covered by the warranty.

The lithium battery equipped by our company has a charging cycle of at least 500 times, which can generally reach more than 600 times in normal use. When the battery is fully charged and the mileage is only half of the factory mileage, it is recommended to replace the lithium battery.



V .After-sales maintenance

Please contact your local dealer for after-sales maintenance.

During the warranty period, if the following reasons cause faults and damages, they are not within the warranty scope:

1. Not properly maintained and repaired in accordance with this manual.
2. The electric scooter is used for other purposes to perform dangerous actions such as special effects resulting in damage or functional failure.
3. Any self-disassembly or use of parts outside the original factory.
4. Using the scooter body and scooter body accessories damaged by mistake, traffic accident or accidental collision.
5. Incomplete labeling, water inflow and mismatched parts numbers.
6. Driving on abnormal roads to use damage or functional failure.
7. Business rental use or improper non-franchise use.
8. Causes of force majeure.
9. Exposing this product to the sun for a long time or rain for a long time, thus causing the rapid aging and functional failure of this product.