

We are the manufacturing of
 **TAKASHI**

**JIANGSU SUNHOU
MOTORCYCLE CO.,LTD.**
江苏三侯摩托车有限公司

EXPERIENCE PERFORMANCE AND
INNOVATION FIRSTHAND



ES PRO 

OVERVIEW



- 1. Accelerator
- 2. Display
- 3. Handle
- 4. Seat
- 5. Head Light
- 6. Charging port
- 7. Tubeless tire
- 8. Foot board
- 9. Support frame
- 10. Hub motor
- 11. Taillight

1. Running Mode/Gears
2. Speedo - meter
3. High beam indicator
4. Turning Light Indicator
5. Battery percentage Indicator
6. Odometer



Motor Warning

Alerts potential issues with the scooter's motor system for timely maintenance and repairs.



Electric Controller Unit Warning

Signals any problems detected in the vehicle's electric controller unit, ensuring prompt attention.



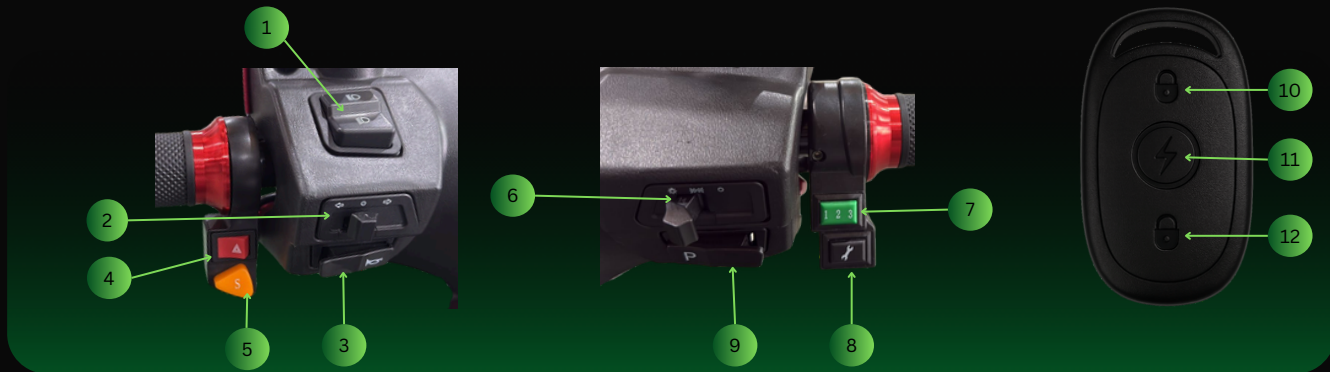
Accelerator Warning

Notifies the driver if there are any irregularities with the accelerator pedal, promoting safe driving habits.



Parking Brake Warning

Illuminates when the parking brake is engaged or if there is any malfunction in the braking system.



- 1. Low/High beam switch
- 2. Turn signal light switch
- 3. Horn switch
- 4. Warning light
- 5. Reverse

- 6. Parking/head light switch
- 7. Speed modes
- 8. Auto repair
- 9. Parking

- 10. Lock
- 11. One-click Search the E-Scooter
Double click Start the electric scooter without the key
- 12. Unlock



NFC card key, enabling
"One-tap starting"





1. When the E-Scooter is in Parental Control the modes (gears) can't be changed. The maximum speed will be 25 km/h.

OPENING THE SEAT BOX

1. Insert the key into the "Power key switch" of the E-Scooter and rotate it to the left
2. lift the back of the seat, you can open it, press it again to lock the seat



1. Rotate the handlebar into left-side.
2. While pressing the key rotate it to left hand side.
3. The handlebar will be unlocked when the key is rotated into right hand side while pressing it.

1. The items with high temperature, low heat resistance, food and flammable items should not be placed inside.
2. Be careful not to enter the water when washing the E-Scooter.
3. Do not place valuables items inside the box.
4. Don't forget to lock the seat, gently lift it, after locking to check whether it is securely locked.
5. Do not place chemicals or sharp objects.
6. Cleaning the box, preferably with a vacuum cleaner or a soft cloth.

BATTERY LiFe PO4

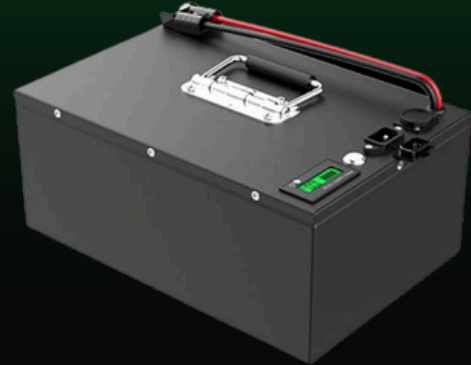
LFP batteries are safe under normal use when handled according to manufacturer instructions.

Their strong thermal and chemical stability helps reduce the risk of overheating compared with many other lithium battery types. However, misuse such as overcharging, short circuiting, exposure to fire or heat, impact, puncture, or crushing may cause swelling, leakage, or other unexpected hazards.

LFP batteries offer high safety, long cycle life, and reliable performance.

They support up to 4000+ charge cycles, making them more durable than traditional battery types. LFP batteries provide stable power delivery, support longer driving ranges, are lightweight, and improve overall vehicle efficiency. With a low self-discharge rate, they retain power well even during long periods of inactivity. Additionally, they do not contain cobalt or nickel, making them a more environmentally friendly and easier-to-recycle battery option.

1. **High torque motor enables fast acceleration from start.**
2. **4000+ cycles reduce replacement needs and battery waste.**
3. **Smart battery system tracks voltage, current, and temperature live.**



Powered by premium Gotion battery cells, a globally recognized leader in advanced lithium battery technology. Engineered for exceptional energy efficiency, extended lifespan, and reliable performance, these cells deliver the power and durability your Takashi e-bike deserves.

LIGHTNING-FAST CHARGING

Equipped with Gotion battery cells and a smart charging chip, this system precisely manages current and voltage, protecting the battery and extending its lifespan. It supports both home and public charging points. With a steady charging process, the battery reaches from 20% to 100% in approximately 2 to 5+ hours, ensuring a reliable and smooth riding experience.

Kindly ensure that only our charger is used.

Intelligent lithium battery module



The intelligent lithium battery module allows real-time health monitoring, and the mobile app enables one-click connection for easy operation.





Air switch

- Short-circuit protection to prevent spontaneous combustion.
- One-click power isolation for safe operation.
- Accurately locate the faulty area.
- Surge current suppression, protecting precision components.
- Prevent the battery from over-discharging.



High-torque AC brushless motor

- The efficiency can reach over 90% in the high-speed range (above 60 km/h).
- Higher power can be output under the same volume.
- Through magnetic field orientation control (FOC), the rotational speed fluctuation can be controlled within ± 10 rpm, making the driving more stable..

Rated Motor power - 1000W
Max motor power - 1500W



Front shock absorption

- It adopts hydraulic shock absorption, providing a more refined and comfortable ride. It automatically adjusts damping for improved control, high durability, and longer service life.



Rear coilover gas shock absorber with an external piggyback reservoir

- Double-tube hydraulic shock absorption offers precise damping, long-lasting durability, and smooth performance across both urban and off-road terrain.

Gross weight
110KG

Max loading capacity
200KG

PARKING

- When you get down from the scooter, you should turn off the power switch to avoid turning accelerator, which will cause accident.
- Suggesting that vehicle should be stopped in a flat surface.
- When the vehicle is completely stopped, the turn signal switch is centered, power lock key is pulled to the OFF position and removed.
- The handle can be locked using the key, and the scooter can be electrically locked using the remote.

CLEANING & WASHING

- It's recommended to use a wet cloth to clean the seat box. Don't allow water to enter box.
- The ECU area should be protected from water (highly sensitive to water).
- The handle switch area should be protected from high pressure water. ("p" button and accelerator are highly sensitive to water).
- Front/rear wheels, suspensions and outer body panels can be washed using a high-pressure water.
- It's recommended to use a proper car wash soap. The scooter can be polished using a wax.
- It's recommended to apply oil on the front fork tube, rear suspension rods, stands and swing arm after washing and wiping the scooter.
- Do not use high pressure water gun

PREPARE FOR RIDING

TO ENSURE YOUR SAFETY,
PLEASE CHECK THE E-SCOOTER BEFORE YOU RIDES

- Release the handle lock using the key and unlock the bike using the remote.
- Check whether the air pressure of the tire is standard (Front: 30 psi & Rear: 35 psi) or not?
- Check whether the battery power is enough or not?
- It's recommended to charge the battery when the battery indicator doesn't show any green colour bar.
- (In other words, don't wait until the red bar is blinking.)
- Check whether the brake system is adjusted properly or not?

ABOUT RIDING

HOW TO START THE E-SCOOTER?

- Unlock the E-Scooter by pressing the unlock button of the remote.
- Insert the key into the "Power key switch", press and rotate the key clock-wise to release the handle lock.
- Turn the key to ON position. See the power display light turning bright, which shows the power supply is connected ("P" letter will show on the display).
- Press the "P" button which is on the left-hand side (or apply brake). The bike will go to "Ready" mode. (It will be shown on the display).
- Turning the accelerator to the counter-clockwise direction, the E-Scooter will start to move; when the angle of the accelerator increases, the speed will also change from slow to fast.

OTHER DETAILS

HOW TO START THE E-SCOOTER?

- This electric scooter uses a maintenance-free LiFePO_4 (LFP) battery pack. The recommended operating temperature is $25\pm 10^\circ\text{C}$. If the temperature is too low, the battery's effective capacity may be reduced. If the temperature is too high, it may affect the service life of the battery.
- In winter or cold regions, a reduction in mileage after a full charge is normal. When the temperature rises above 20°C , the battery performance will naturally recover.
- The battery is an important component and should be properly protected. When the undervoltage indicator flashes, the battery must be charged immediately.
- Regular charging helps keep the battery in good condition and improves overall battery life.
- LFP batteries are known for their high safety, long cycle life, stable performance, and strong thermal stability. They are widely used in electric vehicles because they provide reliable power, support long service life, and reduce the need for frequent battery replacement.

