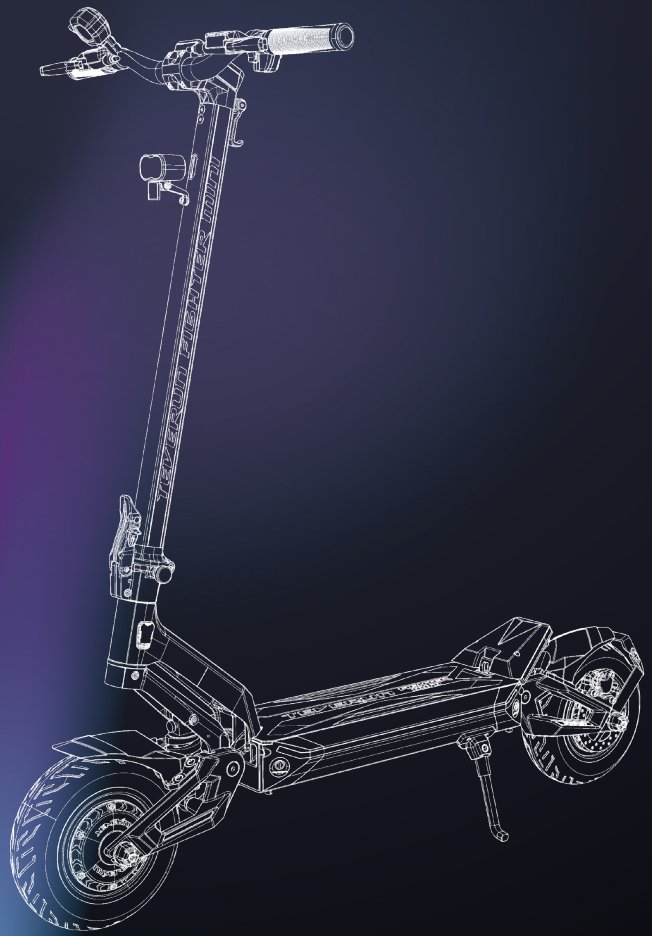


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TEVERUN

Electric Scooter
User Manual

NingboTeverun Technology Co., Ltd.



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DANGER Indicates a hazardous situation that will result in serious injury.

WARNING Indicates a hazardous situation that could result in serious injury.

CAUTION Indicates a hazardous situation that could result in minor or moderate injury.

Before Riding

Please read this manual carefully—it's for your safety!

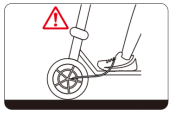
General safety guidelines and restrictions

Even if your scooter is under warranty, you could still be responsible for accidents caused by the issues listed below.



01 Keep away from water!

This product and its components are not waterproof.
- Never use on wet roads (rain, snow, or hail).
- Do not wash or spray water on electrical parts—risk of malfunction or fire.



02 Beware of folding and spinning parts!

If parts of the body, as a finger or hair, get caught in the spinning or folding parts of the product, this may lead to severe injuries. Please be careful.



03 No acrobatics

Stunts and jumps such as jumping and dropping are prohibited as they can cause a great impact on the product and can cause of malfunction and accidents.



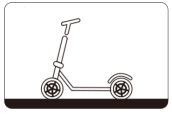
04 No companion boarding

This product is intended for one adult only, so children, infants, or two people are prohibited from boarding.



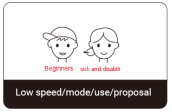
05 Don't tune by yourself

Do not open or tune the electric parts (battery, controller or motor system).



06 Rules for safe riding

Unlicensed, riding after drinking, loading cargo on the scooter is prohibited.(More than bike or bicycle license is required) Please comply with the Road Traffic Act and related laws and regulations according to the place of use.



07 Beginners & seniors: use low speed

Beginners and elderly riders should avoid high-speed mode and start with low-speed mode until they are familiar with the scooter.



08 Do not sudden brake with front brake

If there is a risk of overturning, sudden deceleration should be done safely.Do not apply any unusual behaviors or artificial forces, such as stopping with your feet.



09 Do not drive on steep slopes

Acceptable gradeability is different for each product. Excessive hill roads exceeding the specification may cause damage to the product (parts) due to temperature cut, overcurrent, or low voltage cut, which may cause the product to malfunction.



10 Safety warning for lifting and carrying

Please always lift the product with at least one other person.When lifting the product, please be careful not to damage your back or knees.



11 Safety warning for riding gear and attire

For the safety of passengers, be sure to wear a full face helmet and the other protective gear (for knees, elbows, hands, upper body) and do not wear shoes such as slippers or high heels that can interfere with riding.

Precautions before riding

01 Avoid Night Riding

Night riding should be avoided at all times. Always wear helmets and other body guards and drive safely.

02 Choose the Right Mode

Select the mode that suits you and drive. Be prepared to slow down by holding the brake at all times.

03 Turn Slowly

When turning left/right, slow down to avoid overturning or slipping, then turn safely.

04 Stop Before Reversing

To go backwards safely, get off only after coming to a complete stop.

05 Avoid Hazardous Surfaces

Do not use on slippery, crowded, steep, or uneven surfaces.

06 Disembark at Crossings

Get off when crossing pedestrian crossings for safety.

07 Stay Safe Distance

Do not threaten other traffic (animals, pedestrians, bikes, cars). Turn safely.

08 Slow Down for Obstacles

Reduce speed when passing speed bumps or road obstacles.

09 Use Brakes, Not Feet

When braking, use the brake—do not stop with your foot.

10 Watch for Burns

Be careful: motor and brake (especially disk rotor) can be hot after riding.

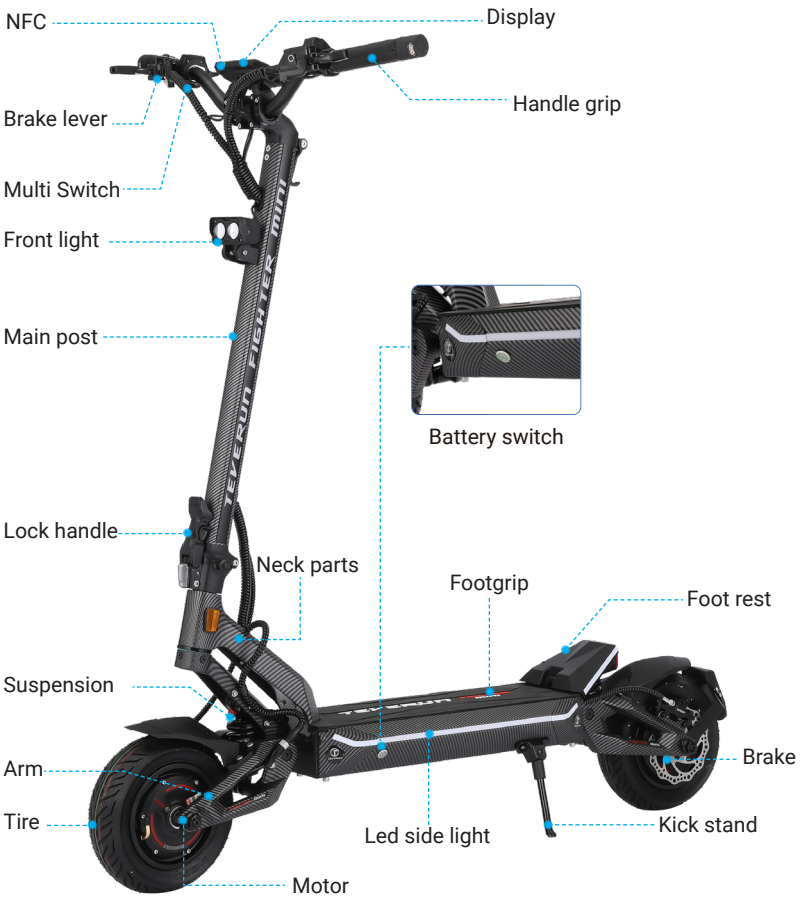
11 Use Both Hands

Never hold the handle with one hand—always use both hands.

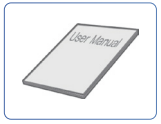
12 Don't Ride with Kickstand Down

Do not ride or drive when the kickstand is down.

Parts Identification







• Manual



• Charger



• Remote & NFC Card

Icon	Button Name	Meaning
+	"+" Key	Upshift the gear or option
—	"-" Key	Short press: switch gears/options Long press: toggle headlights
M	ON/0FF/M	Mode key, enter mode Settings or select options. open/off scooter
SAMRT	Multifunction key	Customized function active, Default function is LED light switch
	Left turn signal	Press the left turn signal on, then Press the left turn signal off again
	Right turn signal	Press the right turn signal on, then Press the right turn signal off again
	Horn	The rear horn sounded when pressed

Assembly

01



Release the latch first, then raise straight up.

02



Secure the latch and reinsert the index pin for added safety.

03



Loosen the 4 handle stem screws, attach the folding handlebar body, then retighten.

Folding

01



Pull out the folding lever

02



Pull out the index pin to unlock the folding handle.

03



Fold down vertically and engage the latch.

How To Use Scooter



Wake/Sleep: Long press 3s
Please put it to sleep when idle



Long press power button or press unlock button of remote to power on the scooter



Squeeze the brake lever
to shift from P mode to gear 1

Basic Charging Method



Open the charger port cap, plug in the charger, then connect it to a household outlet.

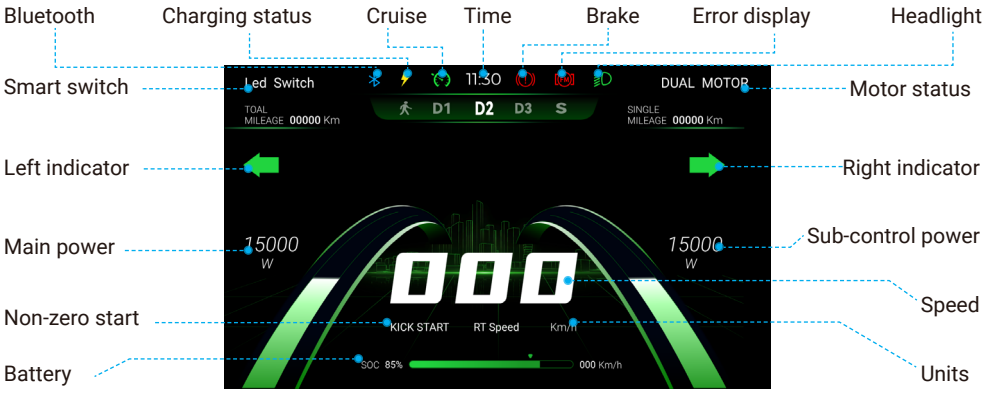


A red light means charging;
a green light means fully charged.

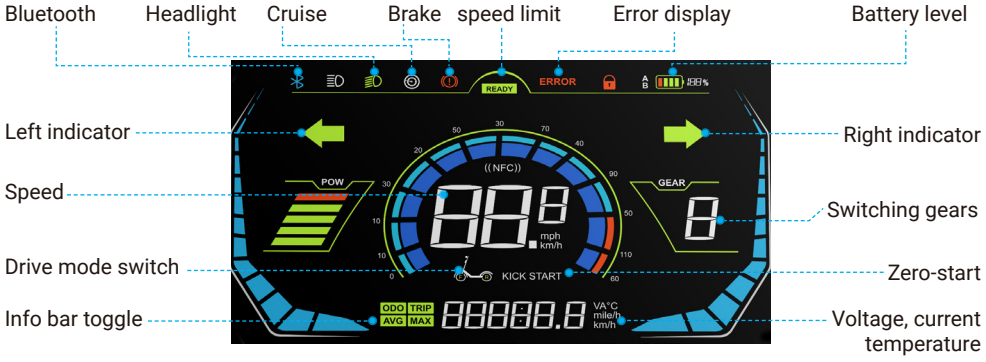


Close the charger port cap whenever you're not charging (e.g., during use or storage).

* Minor metallic sparks when connecting may occur due to voltage difference — this is normal.



▲ **T4 TFT**



▲ **L43 LCD**

Button Definition

T4	L43	Setting	Description
		Bluetooth signal	When the Bluetooth is not connected, the icon flashes.
		Turning signal	Left/right turn signal on.
		Single/dual switch	Hold “+” to toggle single/dual drive, or short-press “M” while riding.
		Pedestrian	Pedestrian mode.
		Park Mode	When the instrument is in P gear, the scooter cannot move
		ECON Mode	Adjust the gear by pressing the "+" or "-" key.
		Level1-3	Gear 1,2,3, Adjust the gear by pressing the "+" or "-" key.
		Smode	Gear S. sports gear.
		Kick start	Kick start is enabled.
		Automatic cruise	Cruise mode is enabled.
		Anti-theft lock	Anti-theft is enabled.
		Brake signal	Lights up when braking.
		Headlight	The front light is on.

Fault Definition

T4	L43	Setting	Description
	E6 F	Front Controller Is Faulty	The icon lights up when the sub-controller is faulty.controller is faulty.
	E6 R	Rear Controller Or Communication Fault	Lights up if main controller fails or communication is lost.
	E2 F	Front Motor Hall Fault	Activates when auxiliary motor 's Hall sensor fails.
	E2 R	Rear Motor Hall Fault	Indicates failure of the main motor 's Hall sensor.
	E1 F	Front Motor Phase Failure	Appears when one phase of the auxiliary motor is missing.
	E1 R	Rear Motor Phase Failure	Shows when the main motor is missing a phase.
	E7	Communication Failure	Displays when no communication between components.
		Battery Failure	Lights up if battery fault detected.
	E4	Throttle Failure	Activates when handlebar (throttle) malfunction occurs.
	E5	Low Battery	Turns on when system voltage drops below safe level.
	E8	Over-Temperature	Lights up when system temperature exceeds limit.

User settings

L43	Setting	Description
	Mode of Entrance	Press "M" twice → enter password → access settings.
	Brightness	Adjust display brightness (1–10 levels) using "+" / "–". Confirm with "M".
P1	Unit System	Switch between Km/h and MPH via "+" / "–" + "M". Also settable in APP.
P3	Automatic Shutdown	Set auto-off time: 1–10 min or OFF.
P2	System Voltage	Displays current system voltage; adjustable via APP.
P4	Wheel Diameter	Shows wheel size (e.g., 11 inch); configurable in APP.
	Battery Voltage	Displays battery voltage (e.g., 60.0V).
	Charging Cycles	Displays total charge cycles.
P6	Speed limited	Range 1%-100% of top speed.
P5	Magnet No	The number of motor magnet range from 1 to 88.
P9	Cruise	Close/AUTO/ to enable or disable the cruise control function.
P7	Non-Zero Start	OFF/ON zero start function is enabled or not
PE	OverTemp	Over-temperature protection value can be adjusted range from 80 to 130°C
	TCS	OFF/ON to enable TCS function

User settings

L43	Setting	Description
PA	Gear P Mode	The time Gear will automatic back to P gear range 0-300S
	Gear para Set	Gear parameters of D1, D2 and D3 can be setted.
PC	EABS	The EABS strength can be adjusted, range from 1 to 5.
P8	Start Level	Start strength can be adjusted, range from 1 to 5.
	Current limited	Controller current limit value can be adjusted, range from 1 to 80A
	EXIT	Press "Exit" or double-press "M" to exit settings.
PF	Remote	Remote key enabled or not.
PH	Dual mode switch	Enable dualmotor drive or single motor drive.
PL	NFC function	Enable NFC function or not.
PU	Light sensation	Enable light sensation function or not.

Essential Charging Rules

- Use only the original charger provided by the manufacturer.
- Do not ride the scooter while it is charging.
- After disconnecting the charger, wait at least 10 seconds before turning on the scooter.
- Always grip the plug when unplugging. Never pull the cable.
- Do not insert metal objects into the charging port.
- Ensure the charging terminals are clean and undamaged before connecting the charger.
- Do not unplug the charger while charging is in progress.
- Disconnect the charger once charging is complete.

WARNING

Charging Precautions

Failure of the charger and abnormal conditions can cause electric shock and fire. Learn the correct usage and prevent safety accidents in advance.



01 Damage caused by unauthorized disassembly, modification, or use of non-original chargers may void the warranty.



02 The charger is forbidden to be used in places subject to high humidity, heat, flammable materials, confined spaces, or where there is no ventilation such as in a car.



03 Children and pets should not be allowed to approach the charger when they come into contact with them, as they may cause an electric shock.



04 If the charger lamp does not light, charger has been dropped， strong external shock, prolonged charging, or cable cover damage, discontinue use immediately and contact the service center.



05 Children and pets should not be allowed to approach the charger when they come into contact with them, as they may cause an electric shock.



06 Unplug the charger when you are away from the home for long periods.

Safety Precautions for Lithium Battery

Battery disassembly prohibited

Battery disassembly, modification, and repair are not covered under warranty.

01 Care

1. Protect lithium batteries from direct exposure to children and pets.

02 Performance

1. Lithium battery performance is affected by external temperature. In winter, low temperatures may temporarily reduce mileage and power output.
2. After more than 300 charge/discharge cycles, discharge performance may decrease by over 15%. If usage time shortens significantly due to long-term use, replace with a genuine battery from the nearest service point.

03 Charging

1. Use only genuine battery and charger supplied by the manufacturer. Any issues caused by non-genuine or mixed-use chargers are not covered under warranty.
2. Charging with a non-genuine charger may cause malfunction or fire.
3. Charge in a well-ventilated, dry area, away from flammable materials.
4. Temperature limits:
   - Charging: 0–45°C
   - Discharging: –10–60°C
   - Sub-battery: 0–50°C / –20–75°C
   - Operating outside these ranges may cause malfunction, fire, or explosion.
5. If moving from cold outdoors to warm indoors, wait 1–2 hours before Charging to prevent condensation.

04 Storage

1. Keep batteries away from snow, rain, direct sunlight, trunks, or hot rooms. Store in a dry place at room temperature (10–20°C).
2. For storage longer than 3 months, charge to 70–80% (do not store fully charged).

05 Trouble Symptom, Safety

1. Immediately stop using if battery is damaged, leaking, has sour odor, or deformed appearance. Contact seller for technical support.
2. If overheating, smoking, or ignition occurs:
   - Stop charging immediately.
   - Move product outdoors.
   - Use fire extinguisher to put out flames.
   - Do not spray water or immerse — may worsen danger.
3. Lithium batteries have high energy density. Long unattended charging increases fire risk. Always supervise during charging.

06 Misuse

1. Short-circuiting, reversed polarity, or impact may lead to
2. malfunction or fire.If battery is impacted, stop charging and use immediately. Visit nearest service center for inspection.

07 Water Inflow

1. Prevent water from entering the battery.
2. Risk of fire or electric shock if charging while moist.

08 Caution

1. Disconnect battery from main unit only during recharging or reinstalling.
2. Do not use for any other purpose.

09 Disposal

1. Separate battery at purchase point or service center.
2. Ensure charge/discharge terminals are not short-circuited.
3. Dispose as industrial waste.

Safety Guidelines Before Riding

Required Checking Before Use



Check Throttle and Handle

1. Operate throttle lever 2–3 times to check return to home position.
2. Avoid excessive leaning — may damage internal parts.
3. Check for free gap in handlebars before use.



Check Brake and Cable

1. Test braking force — if significantly reduced, inspect and act immediately.
2. Check brake pad wear, cable looseness, hydraulic leakage.
3. If unusual noise or vibration occurs, check for:
   - Brake cable breakage, wear, deformation
   - Loose bolts/nuts on brake fixing parts
   - Deformed or damaged disc



Check Tire Pressure and Abnormal Tread Wear

1. Inspect front and rear tires for wear, punctures, and marked pressure values.
2. Low air pressure increases puncture risk — check regularly.
3. Judge replacement time by observing:
   - Tire damage
   - Uneven wear



Tightening Check (Folding & Handle Parts)

1. Ensure all bolts and nuts are tight and safe from loosening.
2. Check fastening condition and clearance of:
   - Folding knob
   - Swing arm
   - Folding parts
   - Suspension arm bolt
   - Swing arm bolt

Stop Immediately If Any of These Occur

If you encounter any of the following while riding, stop immediately and contact your nearest branch or service center:

01 Unusual motor heating

02 Brake failure or error

03 Error messages on instrument panel

04 Throttle not returning to original position

05 Battery fails to fully charge or range drops after full charge
(Battery explosion may occur due to faulty cell or cell breakdown)

06 Abnormal noise generated

07 Product smoke, ignition, sour odor

08 When rain or wet with water in similar situations

09 Other riding judged unreasonable

Tip:
Provide pictures/videos for accurate diagnosis and professional counseling.

Important Check List

Regular inspection and proper handling ensure safety and longevity

01 Metal Vibration During Acceleration

- Normal vibration may occur during acceleration (approx. 15–30 km/h, varies by model).
- Caused by motor and brake disc/pad resonance at specific RPM — not product defect.
- If continuous noise or metal sound is loud, the disc may be bent or deformed - inspect immediately.

02 Burn Risk After Use

- Motor and brake (especially disc rotor) can become hot after riding.
- Avoid touching these parts to prevent burns.

03 Bolt Loosening Due to ABS

- Bolts on motor, rim, and motor shaft may loosen due to ABS function.
- Check and tighten regularly during maintenance.

04 Safety When Removing Side Cover

1. For inspection or repair:
   - Remove side cover.
   - Attach power switch with standard bolt.
   - Carefully remove wiring cover.
2. Never use long bolts (non-standard) — they may damage battery casing and cause fire or safety hazards.

05 Surface Damage from Folding Parts

- Folding joints and moving parts may scratch or damage surface paint during normal use.
- Especially likely under incorrect operation or misuse.
- Inspect regularly for wear or deformation.

06 Safe Inspection Environment

When inspecting or repairing:

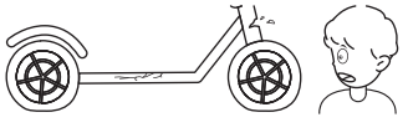
- Keep both wheels off the ground.
- Work on a stable, safe workstation.
- Prevent accidental movement or tipping.

Regular Checks for Long-Term Use

Schedule regular inspections and follow replacement cycles to prevent accidents.

External damage inspection by riding environment

- Replace damaged parts due to external stress — e.g., deformation, cracks, or pressure damage.
- Prolonged sunlight exposure may cause discoloration — avoid direct sun when possible.
  Frequent use in poor road conditions (jumps, turns, collisions) increases wear.
- Check kilotometer schedule and replace parts as needed for safety.
- Fatigue or failure of maintenance parts may occur based on riding habits and environment.
  Always inspect all maintenance parts regularly for signs of abnormality.



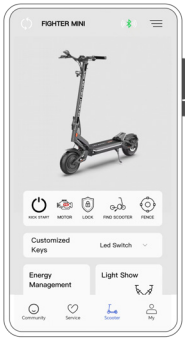
APP Download Guide & Parameter

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Parameter	FIGHTER MINI	FIGHTER MINI PRO	FIGHTER 11	FIGHTER 11+	SUPREME ULTRA	SUPREME 7260R
Tire Size	10X3.0	10X3.0	90/65–6.5	90/65–6.5	90/65–6.5	125-60-7
Maximum Speed	25km/h	25km/h	25km/h	25km/h	25km/h	25km/h
Display	LCD display	TFT display	LCD display	TFT display	TFT display	TFT display
Maximum Range	70km	90km	80km	120km	200km	200km
Brake	Full Hydraulic Disc Brake	Full Hydraulic Disc Brake	Full Hydraulic Disc Brake	4 piston Hydraulic Disc Brake	4 piston Hydraulic Disc Brake	4 piston Hydraulic Disc Brake
Suspension	KKE Adjustable Hydraulic Suspension	KKE Adjustable Hydraulic Suspension	Spring Suspension	KKE Adjustable Hydraulic Suspension	KKE Adjustable Hydraulic Suspension	KKE Adjustable Hydraulic Suspension
Battery	52V 30AH	60V 31.8AH	60V 31.5AH	60V 37.1AH	72V 60AH	72V 60AH
Controller	sine wave 25A X2	sine wave 25A X2	Sine Wave 37 X2	Sine Wave 37 X2	Sine Wave 55A X2	Sine Wave 70 X2
Charger	58.8V 6A	67.2V 6A	67.2V 2A	67.2V 6A	84V 5A	84V 5A