



SHAWLONG

E-MOTORCYCLE MANUAL

Experienced OEM and trade professionals in China with a proven track record of 15.years.

How to Read This Manual



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A **“WARNING!”** label indicates that failure to abide by the following instructions may result in serious personal injury or death to the rider or others, as well as damage to equipment.

A **“CAUTION!”** label indicates that failure to abide by the following instructions may result in damage to your electric bike and related equipment and/or legal consequences and/or fines and/or denial of warranty coverage.

A **“Note!”** label indicates information that is especially useful but does not have safety consequences.



General Safety Warnings



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WARNING!

Risks Inherent to Operation:

Operating a Light Electric Vehicle (LEV) involves risks and dangers that may cause serious bodily injury. These include, but are not limited to, paralysis, dismemberment, and death. These inherent risks may be the result of purchaser's own actions or non-actions involving themselves, others, specific circumstances of the activity, and/or the negligence of themselves or others. There may be other risks known and/or unknown to the operator. The operator assumes all risks and responsibility for events that may not be foreseeable including economic loss, social distress, losses, costs, and damages caused as a result of operating the vehicle.

Only original or manufacturer-provided chargers and battery packs can be used, and any unauthorized modifications are not approved and protected, including but not limited to warranty, safety assurance, after-sales service, etc.

How to Read This Manual



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WARNING!

Please fully read and understand all sections of this manual before operating this electric vehicle. Do not attempt to charge or operate this vehicle until you have attained adequate knowledge of its features and controls and you have been trained in safe riding techniques. Failure to do so could result in serious injury or death and/or damage to the vehicle and/or denial of warranty coverage.

CAUTION !

In our constant efforts to improve and upgrade our products, your Motorbike may incorporate updated components and/or features that are not specifically covered by this version of the Owner's Manual. If you are not clear on how to operate or make use of any components or features, contact your local dealer for clarification. Product design, features, and specifications are subject to change without notice.



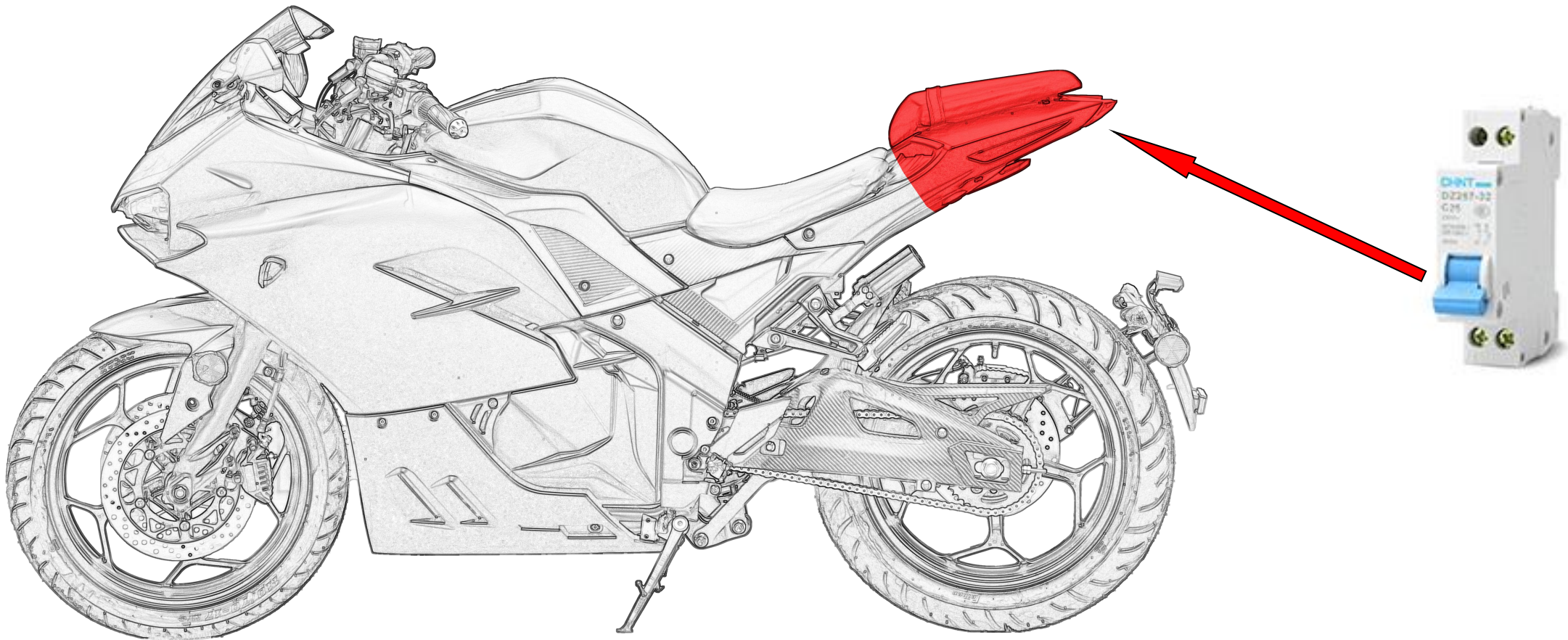
How to start this E-MOTO



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NOTE!

When you receive the motorcycle, inspect it as soon as possible and turn on the **circuit breaker** !

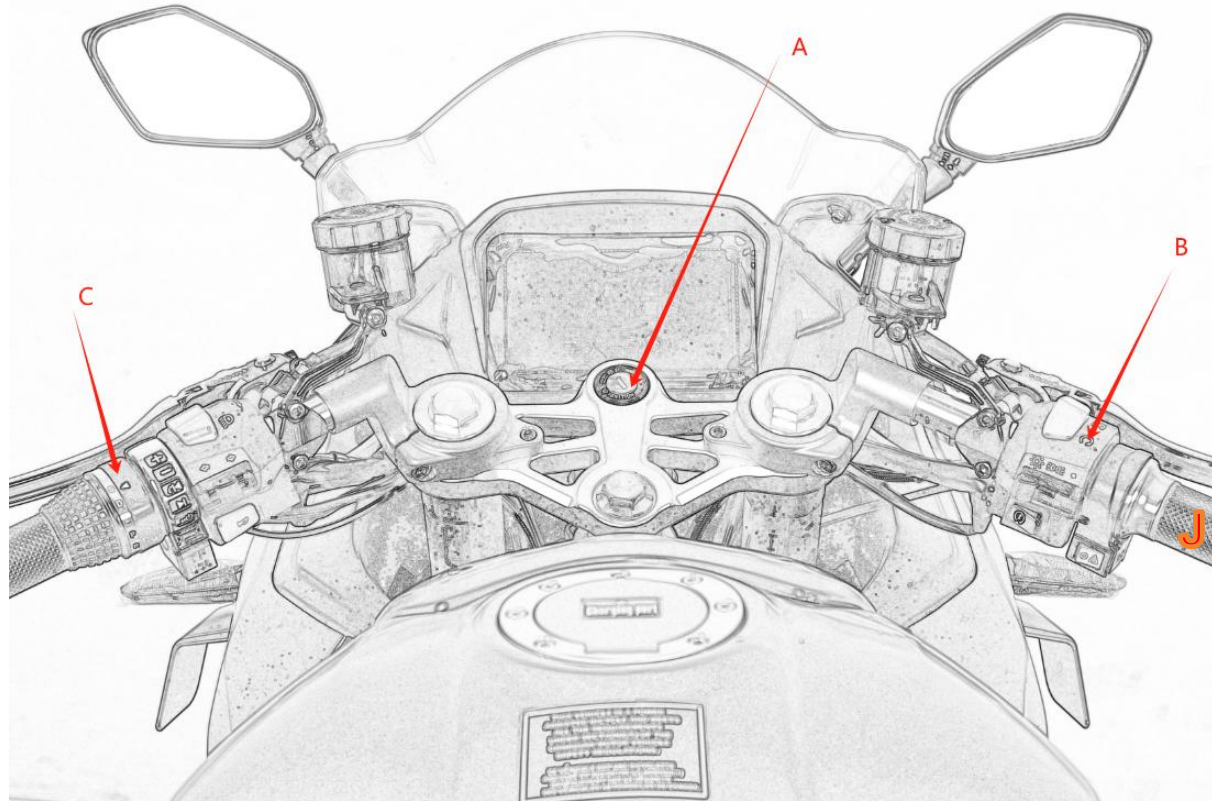


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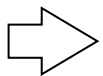


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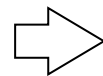
NOTE!



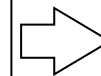
(A)
Turn on the
Ignition



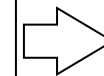
(B)
Check the parking
switch, it needs to
be at point B



Press brake
handle bar to
active



Gears:
S/D/E are
Sport/Regul
ar/Eco gears



Accelerate
"J"

Pre-Operation Checks



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WARNING!

Failure to perform checks on a regular basis could result in un-safe and/or unreliable vehicle condition leading to serious injury or death and/or damage to the vehicle and/or denial of warranty coverage.

Before Every Ride

Charge batteries

Walk-around inspection. Make sure all parts are securely fastened.

Check tire pressure and condition.

Check brake operation front and rear; make sure there is no leakage of brake fluid. Check for smooth throttle grip operation.

Check signals, lights, and horn.

Ensure the wheels spin freely and are well aligned.

Only turn the ignition on once you are seated and ready to ride.

After Every Ride



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Be sure the ignition is turned off.

Plug the charger in and check for red lights and fan.

Be sure the charger will stay dry during operation.

If stored outside, cover the bike and arm the alarm.

If you don't use it for a long time, you need to keep the power at 50-80% and disconnect the **circuit breaker** , Otherwise, the battery will be in micro-discharge for a long time, which will lose energy storage performance



Connecting the Charger

Make sure the bike's circuit breaker is ON.

To charge the battery pack, the Motorbike's main circuit breaker must be ON. If the breaker is off, the charger will only seem like it is charging the battery.

The supplied charger is fully automatic and has indicator lights to tell you what is happening. Green LED indicate that it is connected to power, while the LED changes to red, to indicate "charging" and green, to indicate "full".

WARNING!

Do not use the charging cable if the cable becomes frayed, has exposed insulation or wires or shows any significant damage.

WARNING!

Do not use the charging adapter if the plastic enclosure or the charging connector is broken, cracked or shows any significant damage.

WARNING!

The charging adapter must be properly grounded. If the charging adapter should malfunction, grounding reduces the risk of electrical Shock. If you are unsure whether an outlet has this capability, have a qualified electrician inspect and verify it.

WARNING!

DO NOT plug the AC power cable directly into the charging socket on the bike.

Charging



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WARNING!

Risk of overheating. Maintain air-flow around the charger at all times. DO NOT enclose it in a storage compartment or other unventilated space when charging. The charger is designed for indoor, dry-area use only.

WARNING!

DO NOT expose charger to water. If absolutely necessary, you could place the charger on the floorboard and drape the bike with its cover allowing for sufficient ventilation. You do so at your own risk.



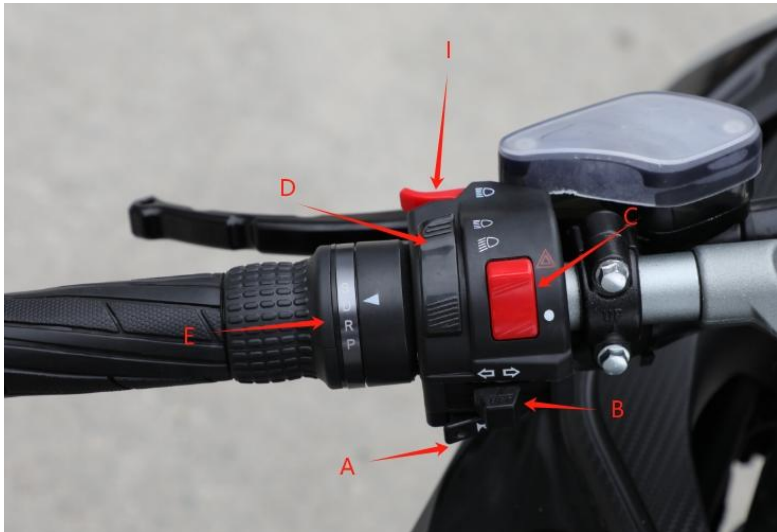
HANDLE BAR



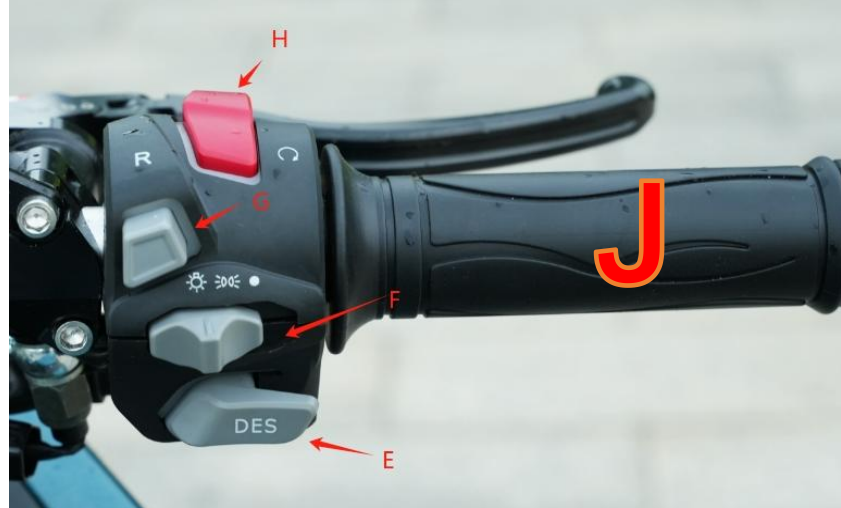
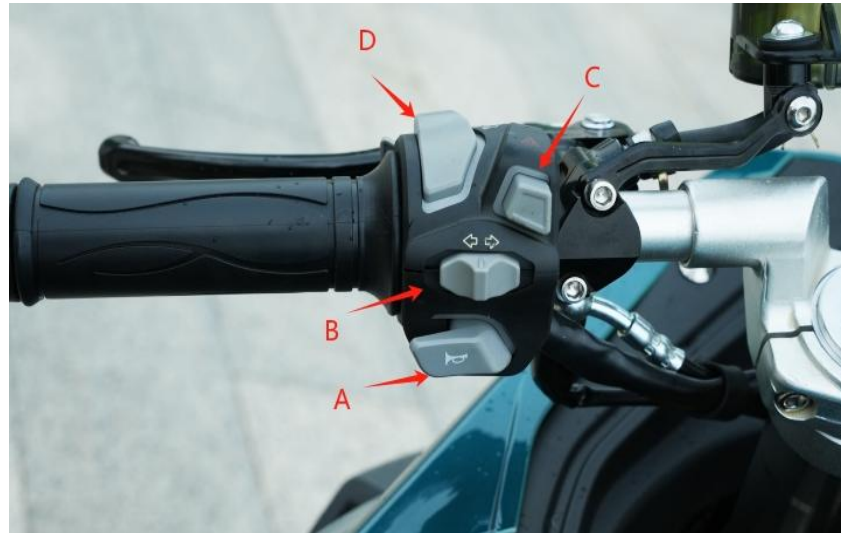
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CAUTION!

Type 1



Type 2



A: Horn

B: Indicator controller

C: Flash light

D: High / Low beams

E: Speed Gears

F: General switch for lights

H: Parking button

I: Pass light

J: Throttle Turnbar

D. Headlight High/Low Beam Switch

When the switch is pushed, the headlight  changes from low beam to high beam. It stays in the selected position until it is switched back. When in high beam position, the high beam indicator on the lower dash illuminates.

I. Flash-to-Pass

When the headlight is in the low beam position, push the flash-to-pass switch and the high beam illuminates and stays illuminated until the switch is released.

When released, this switch defaults back to the low beam position. The high beam indicator also illuminates.

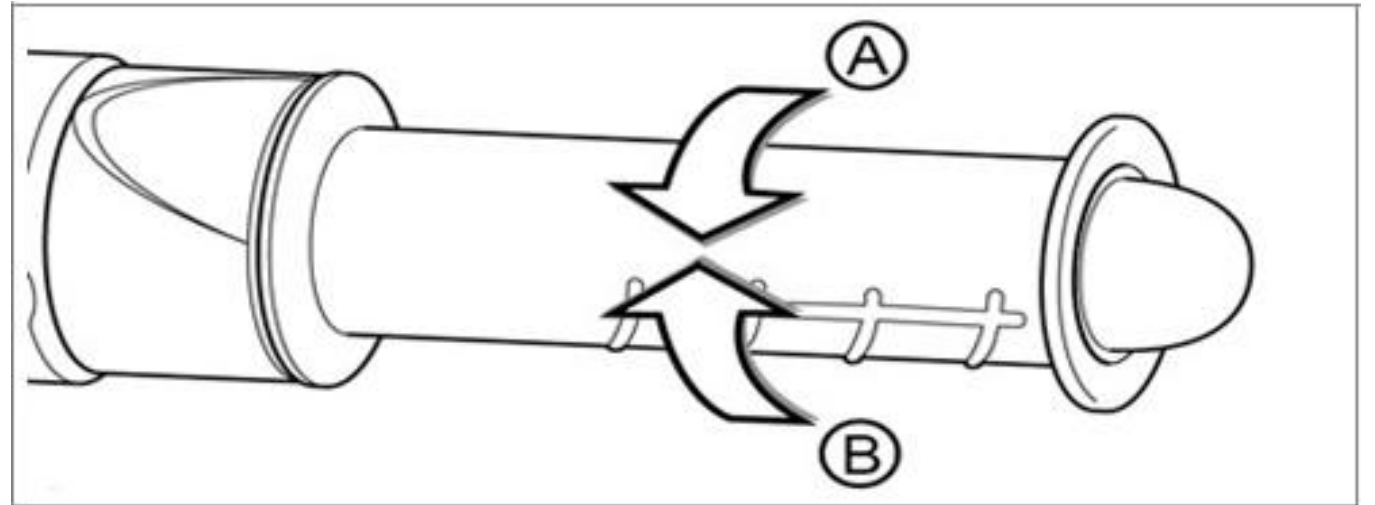
J/K. Brake Lever Adjuster

Adjustment knob to set brake lever position.



J:Throttle Control

Throttle Control Twist the throttle in a counterclockwise rotation. A to power the motor and accelerate the motorcycle in forward direction. Release the throttle and it snaps back to the closed position B, disengaging the motor. When the motorcycle is moving and the throttle control is in the fully closed position, the regenerative braking function will activate.



HANDLE BAR



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H: Parking button

When you press the switch to the point A position, cut off the power supply of the running signal, the motor will enter the standby state, and you can park the car for a short time in case you or others accidentally touch the handlebar, resulting in an accident.

Press the switch to the B point position, the motor signal is restored, and the Turnbar can be driven away.



Type1: LCD Speedometer



Function Display:

Riding speed / Real-time battery
Gears signal / low / high beam
Subtotal / total mileage

Type2: TFT Speedometer



Function Display:

Riding speed / Real-time battery
Gears signal / low / high beam
Subtotal / total mileage
Call answering / call logging / making calls
Bluetooth MP3 / WIFI connection status
Time format / mileage format / navigation

Troubleshooting



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Problem	Condition	Check	Solution
When I turn on my Vehicle, but nothing happens.	1. No any light or Indications on the display.	1. Check the main Breaker under the seat if it is on "ON" position.	1. Flip the breaker lever on "ON"
		2. Check power Connection and battery level.	2. Fasten connections.
	2.Power indication light is on	3.Check battery and motor connection	3. Clean and fasten battery terminal connectors.
			4. Fasten the motor connections With the controller under seat
	3. Power indication light is on and the break light is "on".	4. Check the break Levers if they return to normal position.	5. Loosen the break. If there is any corrosion replace. Contact the supplier
		5. Battery voltage is below 72 volts.	6. Charge or replace battery. Contact the supplier.
The Throttle does not work or switch on, the vehicle moves without acceleration.	1. The Throttle does not return to stop position.	1. Check the grip for damage	1. Use a flat head screwdriver to adjust the gap between the rubber handle and the cover.
		2. Check the Throttle spring.	2.Readjust the Throttle spring position. Contact the supplier
		3.The Throttle handle if it is loose	3. Check Throttle Connections. Contact the supplier.
The range is short	Charger light is off	1.Bad connection between the charger and the battery.	1. Check the charger plug position.
		2.Charger doesn't charge	2. Replace the charger
	Battery doesn't hold the charge	1. Connections between the batteries are not good.	1.Checkallconnections between the batteries
		2. Bad battery cell	2. Replace the bad battery cell. Contact supplier
The brakes are not working properly	1. Brakes levers go too deep	1.Needs adjustment	1. Adjust the break cable – see instructions.
	2. No braking	2. Brake pads are dirty or need replacement.	2. Clean brake pads using sand paper or replace.

Customer Service Card

Motor Power:		Motor No.:	
Battery Capacity:		VIN No.:	
Charging Current:		Date of manufacture:	
Regular Range:		Expiration date of Warranty:	
PI No.:		Purchase channels:	

Dear Customers:

We thank you so much for choosing SHAWLOONG® products, we hope you can keep this card for follow-up service and after-sales, we will continue to follow up and improve products and services.





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