



User Manual



Sherman

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Instructions for Use

Please read the manual carefully to understand the performance parameters of this product in details, and observe the use behaviors indicated in this manual to avoid unnecessary losses and injuries, otherwise you need to bear all the consequences arising therefrom.

- This product is strictly forbidden to ride on the motor vehicle lane. Be sure to comply with local laws and regulations. Do not use this product in areas prohibited by laws and regulations. Do not use this product beyond the speed set by local laws and regulations.

- The following persons are prohibited from riding this product.

People who are under the influence of drugs or alcohol and have limited mobility and reaction ability. Or suffer from high blood pressure, cardiovascular and cerebrovascular diseases or other high-risk diseases.

Minors under 14 and seniors over 60.

- Do not use this product in dark or obstructed sight, or on slippery, stagnant water, or pothole light.

- Do not ride at high speed or violently accelerate or decelerate when the battery power is low.

- Do not perform all dangerous actions like jumping, one-legged, backward, manned, speeding, etc.

- Before using this product, please wear a helmet, knee pads, elbow pads, gloves and light protectors.

- In places where there are people or obstacles, please reasonably control the speed and prohibit speeding.

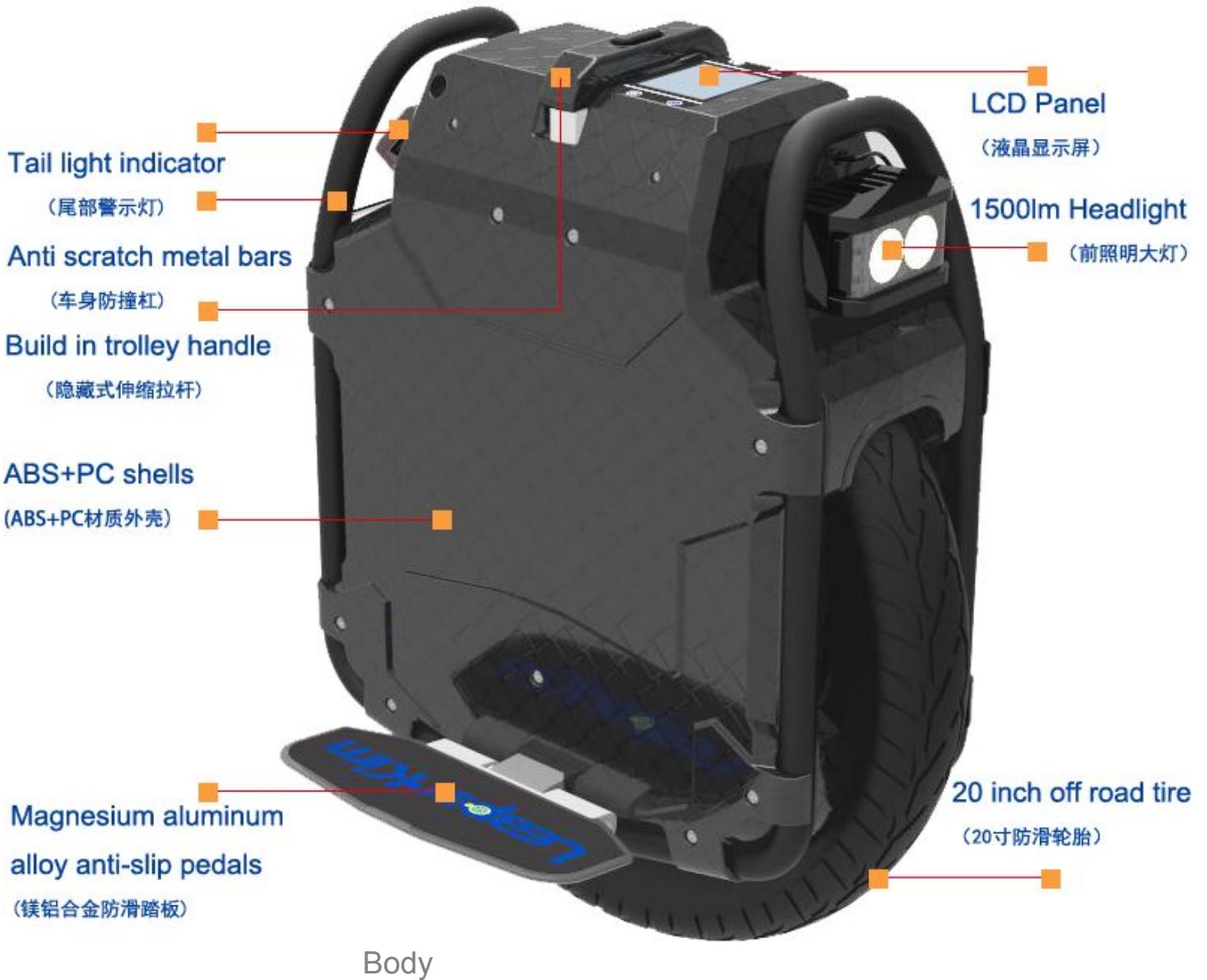
- This product is forbidden to be disassembled or repaired by non-professionals. Disassembling the machine by yourself will no longer enjoy the product warranty service.

- Activation with charger for first use.

This product will be constantly improved and changed during the production or sales process. If there is any discrepancy with this manual, please refer to the actual product.

1. Product Description

Functional Diagram



Standard Accessory



LCD Screen



LCD panel

●LCD display function overview



●Long pressing OK button to enter setting mode, select items which need to be adjusted then press OK to adjust items.



Product Specification

Product Performance	
Model name	Sherman
Top free spin speed	100km/h
Safe riding speed	25km/h
Motor power	2500W
Battery	PanasonicNCR18650GA100.8V3200WH
Max gradibility	30°

Operating temperature	-10-80°C
Max load	120kg
Charger	100.8V5A
Charging time	8h
Color	Black
Dimension and weight	
Dimension	500mmx195mmx592mm
Net weight	35kg
Pedal dimension	250mmx130mm
Pedal altitude(from ground)	170mm
Hardware	
Mainboard	Customized connectors to fix wires firmly;12pcs Mosfets make it more durable.
Cooling fan	Dual cooling fans,set up at 45°C.
Tire size	20inch off road tire.
Trolley handle	Central mounted build in.
LCD panel	Display speed, battery voltage, mileage, mode switching, calibration, battery status etc.
Metal bars	Anti scratch of shells.
Charge port	Dual charge ports,support 10A max.
Headlight	1500lm modularization light.
Taillight	Turning, braking warning lights.
Software	
Incline protection	Stop rolling once wheel body inclining 45°
Speed limit	Can be set through LCD panel.
Low battery protection	Alarm at 78V, tilt back at 75.6V
Battery protection	Overcharged, over-discharged, Charging port out put short circuit protection
Mainboard over heat protection	85°C.
Calibration	Set through LCD panel.
Package	
Gross weight	40kg
Size	570mmx280mmx700mm

2. Maintenance

- Always use this product, pay attention to check whether the screws are loose on time.
- Check the tire pressure on time, the recommended pressure is 2.5-3.0pa.
- The vehicle should be parked in a dry area as much as possible.
- Try to avoid completely exhausting the battery before recharging.
- Avoid placing the battery in an environment that exceeds 50°C or -20°C.
- It is forbidden to use chargers other than the standard charger.

3. Warranty

Item	Warranty content	Start time
Main parts	Mainboard, motor	1 year
Battery	Charger and battery	6 months

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During the warranty period, the following conditions are not covered by the warranty and need to be repaired.

- Exceed warranty period.
- Man-made damage.
- Damage caused by force majeure.
- Failure to use, maintain, and adjust according to the requirements of the User Manual.
- Failure or damage caused by forced use of this product beyond normal use conditions.
- The product has been disassembled or maintained by non-authorized personnel of our company.
- Malicious damage to warranty content, car body information.
- Failure or damage caused by other non-product design, technology, quality, manufacturing and other problems.
- Natural wear without affecting function.

4. Warranty Card

Please keep the warranty card and use it as a credential during maintenance.

Model _____ Motor Code _____

Purchasing date _____ day _____ month _____ year

Buyer's name _____

Phone _____ Address _____

Retailer _____ Address _____

Phone/tel _____

Date			
Content			
Replacement spare parts			
Maintenance staff signature			
User signature			

Warranty Record