



Wheelchair Power Attachment

Electric Handcycle



Email: info@elesmart.com

Tel: +86-13685249056

Web: www.elesmart.com

Add: West Industrial Park, Hutang, Wujin District, Changzhou City, Jiangsu Province, China

www.elesmart.com

Technical parameters

Product Name: Wheelchair Power attachment

Model: ELESMA8T A8

Intended Use: Provides power to the wheelchair

Patient Population: The elderly and disabled

Indication: Urban smooth road

Shelf Life: five years (excluding wearing parts)

Wheel Diameter: 16"

Motor Power: 48V 1000W

Speed*: 40KM/H

Torque: 85Nm

Lithium Battery: 15/20AH

Range(KM): 80/100

Display: COLOR TFT

Frame: Integrated

Connection Method: Center



- 1.Gear and Speed Parameters: 3 forward gears, maximum speed of 40KM/H, 1 reverse gear, right-hand control for forward motion.
- 2.Cruise Control Function: Enabled by default, can be turned off.
- 3.Maximum Speed: Affected by actual user conditions, load, road conditions,etc., with a variation of ± 5 KM.
- 4.Range: Measured with a weight of 50kg work on 1 level on a flat road. Range depends on user weight, road conditions, wheelchair tire condition, battery condition, speed, and driving habits.
- 5. Charger: Complies with EU regulations, EMC tested, 36V dimensions is 104.3*53*26mm, 300g, Easy to take !

Installation instructions

1.Sit in your wheelchair and near the handlebars



2.Adjust the link bar angle and screw the nut



3.Attach connecting rod to wheelchair



4.Push the handlebars until the kickstand are off the ground



5.The two are connected as below



6.The frame is shown below



7.Turn on the meter



Dismantlement

1.Press the switch button as below and hook open



2.Put down handlebars until the kickstand reaches the ground



3.The front end of the connecting rod is out of the wheelchair



4.Push forward the handlebars



Key switch



Matters needing attention

Dear customer, please read this manual before you use KT-LCD8S Display. The manual will guide you use the instrument correctly to achieve a variety of vehicle control and vehicle status displays.

1.Display Content

The display content is shown as follow.

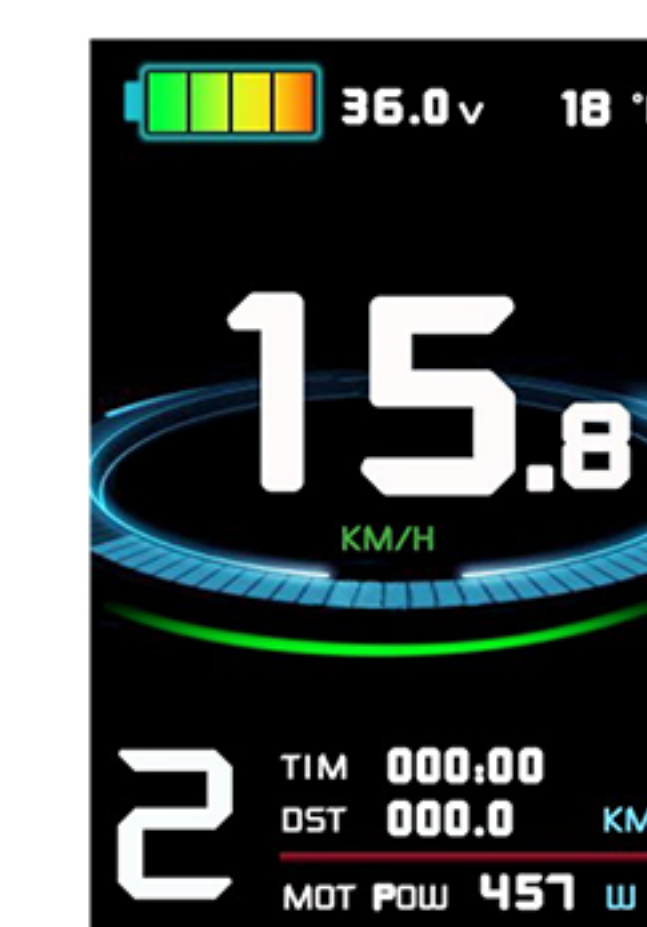


2.Operation

1. ON/OFF

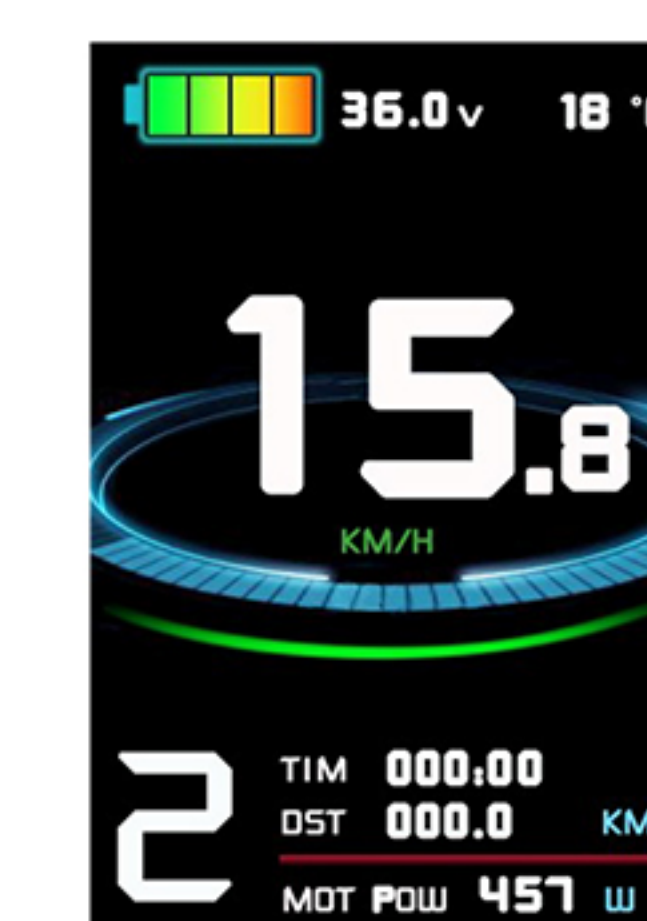
Hold button (SW) long, the meter is powered on and into normal operation, and it provides the controller with power supply. Under normal operating status, hold button (SW) long, the meter is powered off, meanwhile to shutdown the power supply of controllers. When the vehicle is stopped and without any button operation on the meter for five minutes, the meter will automatically shut down, and the power supply of the electric vehicle will be powered off. In power off mode, the power consumption of the meter and controller is zero.

2. Display 1



Turn on the meter, it will enter display 1, as left picture shows.

3. Display 2



In display 1, hold button (SW) shortly to enter display 2. In the riding mode after within 5 seconds, display 2 automatically jump to display 1

4. Display 3



In display 2, hold  button (SW) shortly, meter will enter display 3, and so on. In each display interface, if you hold  button (SW) long, the meter will be powered-off together with that of the controller.

5. Display of Turned on Throttle



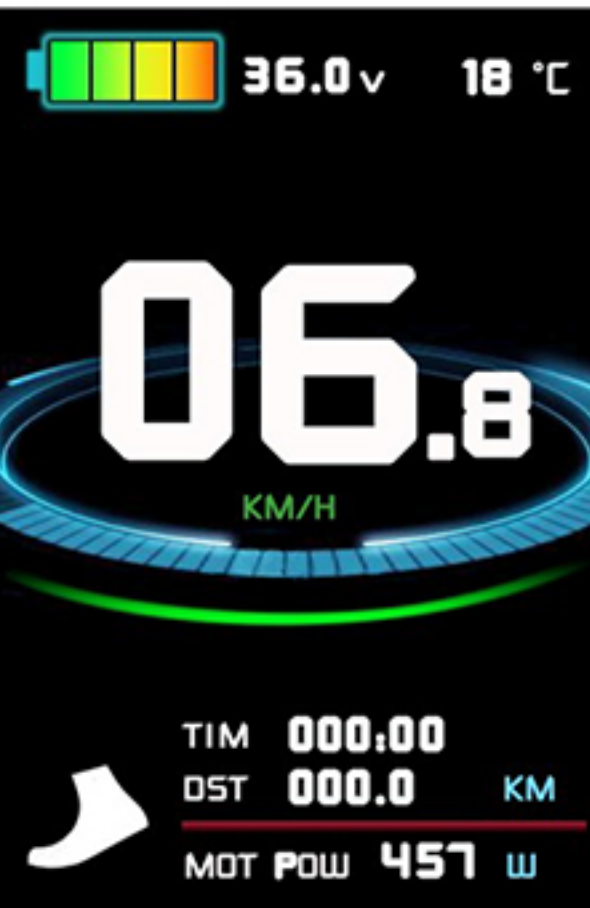
Rotate the throttle control handle under normal operating of the meter, the display interface shows the logo of turned-on throttle, see the Figure left.

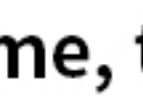
6. PAS Ratio (or throttle) Gear Switch



Under normal operation, hold  button (UP) or  button (DOWN) shortly to switch the power assist ratio (or throttle) gear (ASSIST), changing motor output power. Switching range is 0-5 gear, gear 1 is for the lowest power, and gear 5 is for the highest power. At every startup, the meter will automatically restore gear of (this can also be configured as required by users) when it was shut down at last time. When the power assist ratio is gear 0, there' s no power assist function.

7. Power Assistant Push Function



Users can use 6KM/H power assist function when pushing vehicles. Hold  button (DOWN)for a long time, the meter assist function logo  flashes, the vehicle drives at the speed of no more than 6km/h. Release  button (DOWN), the assist function will be revoked.

8. Cruise Function



When C7 parameter setting is 1 (see C parameter setting), the cruise function is enabled, hold  button (DOWN) long to enter the cruise status when the vehicle speed is more than 7 km/h, and the cruise function logo  lights. Brake or press any button to revoke cruise function.

9. Startup Backlights and Headlights



Hold  button (UP) long, the backlights turns on as well as the vehicle headlights (the Controller should have headlights driving and output functions), meter backlighting and vehicle lights power logo  light, hold  button (UP) long again to turn off backlights and vehicle headlights.

10. Brake status display



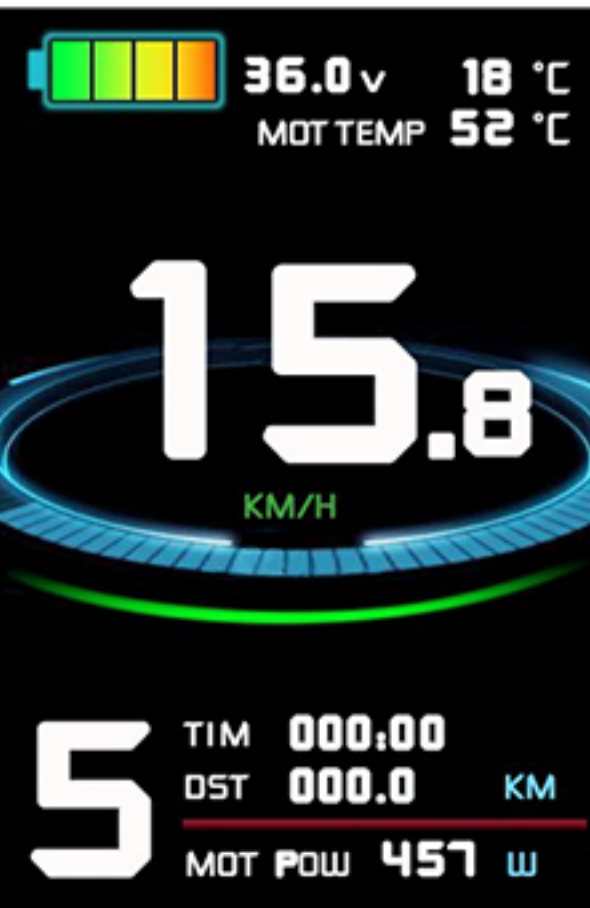
Under normal operation, the brake status indicator  will display when the vehicle brakes, as the below picture shows.

11. Battery Capacity Indicator



The meter can automatically identify 24V, 36V, 48V battery capacities when it is supporting used with the specified controller. When the battery capacity is over 70%, the four section of power are all light, when the battery capacities drop, the four power displays are off in order, when the power capacity is less than 15%, the four power displays are totally turned off. When the controller is power off due to voltage shortage, the power display frame flashes, indicating the vehicle has been in voltage shortage and waiting for shutdown currently.

12. Motor Operating Power and Temperature



Under the riding status of vehicle, the motor real time running output power and temperature can be known via the meter displays.

13. Environment Temperature



After startup, the environment temperature will be displayed in environment temperature display column. The temperature display value may be in deviation shortly after boot-up, and the display value will be gradually approaching the environment temperature within 10 minutes after boot-up.

14. Single Data Clearing



5 seconds after the meter is powered on, at display 1, hold both the button (UP) and the button (DOWN) simultaneously for about 2 seconds, the single trip time (TM) and single trip distance (DST) flicker, then hold button shortly (SW), the record contents of both will be cleared.

Under the status of data flashing, if there were no operations on the data within 5 seconds, the meter will automatically return to display1 and the original record content will be preserved.

15. Automatically Prompt Interface



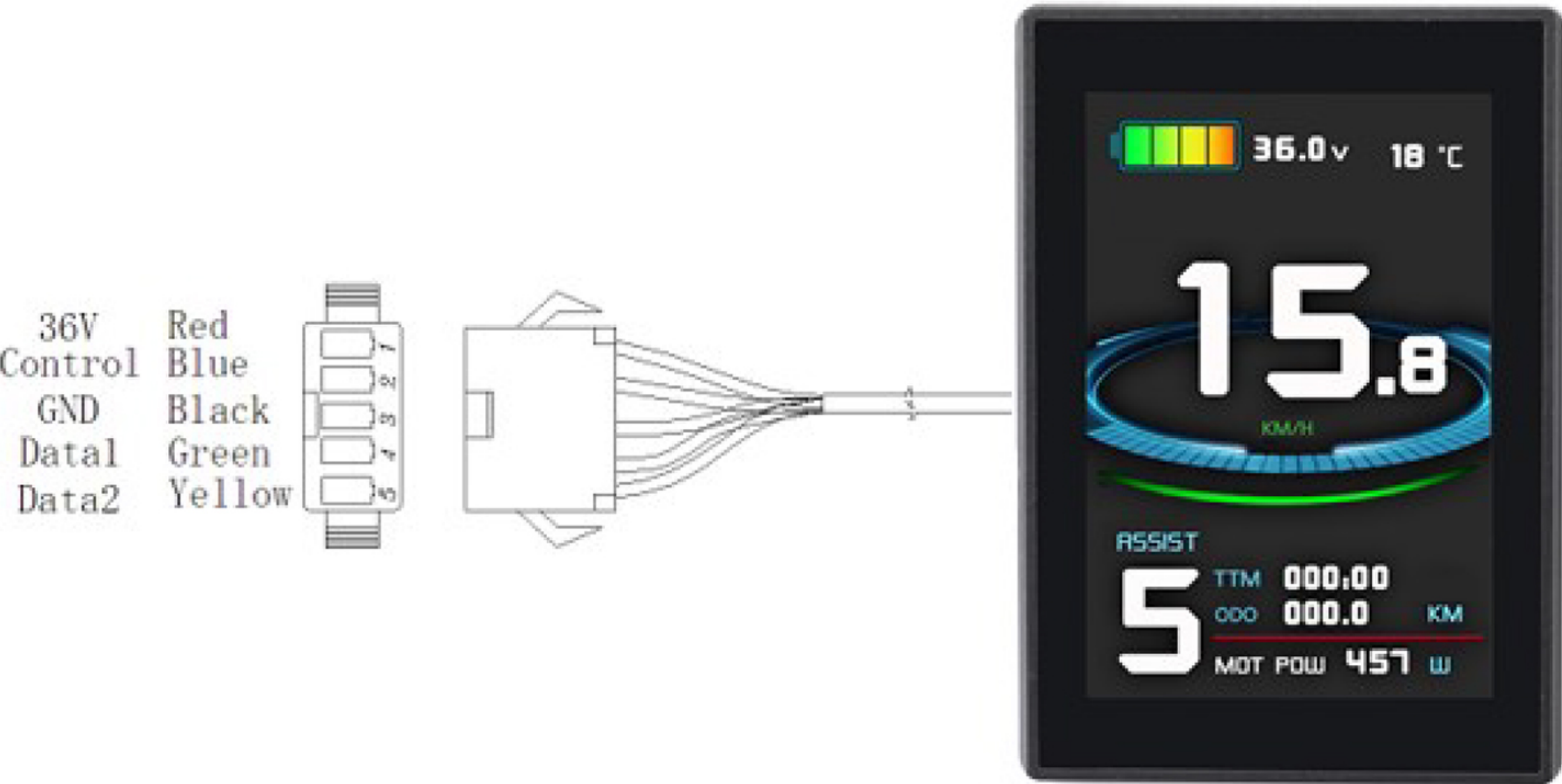
Error Code Display:

If the motor system fault occurs, the fault code will flashes, If the fault is rectified, automatically return to the normal interface. left is throttle fault interface.

Motor operating temperature alarm:

Under any interface, when the motor operating temperature exceeds the warning value,the motor operating temperature display flashes to alarm, meanwhile, the controller will offer the appropriate protection to motor.

3.Wiring Schematic



Labels, Packing Logo Design

Symbol	Introductions	Symbol	Introductions
	Batch Code		CE Symbol
	Warnings and Precautions		Non-Sterile
	Medical Device		Manufacture Date
	Manufacturer Name Address		Name and Address of European Union Representative
	Country of Manufacture		Model Number
	Importer		Distributor
	Unique Device Identification		Consult instructions for use

Manufacturer



Company: CNEBIKES CO.,LTD
Address: West Industrial Park, Hutang, Wujin District, Changzhou City, Jiangsu Province, China

European Authorized Representative



Company: SUNGO Europe B.V.
Address: Fascinatio Boulevard 522,Unit 1.7,2909VA Capelle aan den IJssel,The Netherlands

Cleaning and Maintenance

Wipe with a neutral cleaner and wipe with a clean, soft cloth.
Check the screws are loose and locked with matching screwdriver .

Warranty

Warranty Coverage

Thank you for choosing the ELES MART Electric Wheelchair Handcycle. This product is covered by a 2-year limited warranty from the date of purchase. The warranty applies to defects in materials and workmanship under normal use conditions.

Warranty Period

- Motor and Frame: 2 years from the date of purchase.
- Electronic Components (LCD Display, Controller, Battery etc.): 1 year from the date of purchase.
- Wearable Parts (Tires, Brake Pads, etc.): 6 months from the date of purchase.

What is Covered?

- Defects in materials and workmanship.
- Functional failures due to manufacturing defects.
- Malfunction of the motor, battery, and other critical components under normal usage.

What is Not Covered?

- Damage caused by misuse, abuse, or accidents (e.g., improper handling, water damage, etc.).
- Normal wear and tear of consumable parts such as tires, brake pads, and handles.
- Unauthorized modifications or repairs.
- Damage resulting from failure to follow the user manual instructions.
- Cosmetic damage, including but not limited to scratches, dents and discoloration.

Warranty Claim Procedure

1. Contact Customer Support: Reach out to our customer support team via email info@elesmart.com or call us at +86-13685249056 with your proof of purchase, product serial number, and a description of the issue.
2. Return Authorization: Our team will assess the issue and may request you to ship the defective part(s) back to us for further inspection. We will provide you with a return authorization number and instructions on how to return the product.
3. Repair or Replacement: If the defect is covered under warranty, we will repair or replace the defective part(s) at no additional cost to you. Repaired or replaced parts will be warranted for the remaining period of the original warranty.
4. Shipping Costs: The customer is responsible for shipping costs to return the product to us. If the warranty claim is valid, we will cover the shipping costs to return the repaired or replaced product to you.

Important Notes

- This warranty is valid only for the original purchaser and is non-transferable.
- Warranty coverage is only valid in the country of purchase.
- Any replacement or repaired parts provided under this warranty will assume the remaining warranty period of the original product.

Customer Information

- | | |
|------------------------|----------------------------|
| • Name: _____ | • Phone Number: _____ |
| • Email Address: _____ | • Date of Purchase: _____ |
| • Serial Number: _____ | • Place of Purchase: _____ |
| • Address: _____ | |

For Service, Contact:

ELES MART Customer Service

Phone: +86-13685249056 Email: info@elesmart.com Website: www.elesmart.com



1. When do emergency braking, please do not only brake the hand cycle, but also you must brake your rear wheel of wheelchair itself.
2. Normally, please do not brake hard, try to brake it slowly.
3. Recommended to use wheelchair power attachment at low speeds around 12km/h and avoid driving too fast.

**We are committed to providing you with the best products and services.
Thank you for choosing ELES MART.**