Wheelchair Power Attachment

Electric Handcycle



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

Technical parameters

Product Name: Wheelchair Power attachment

Model: ELESMART A6

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: 12"

Motor Power: 36V/48V 500W

Speed*: 25KM/H

Torque: 45Nm

Lithium Battery: 10.4/12.8/16AH

Range(KM): 50/60/70

Display: COLOR TFT+USB

Frame: Integrated

Connection Method: Center

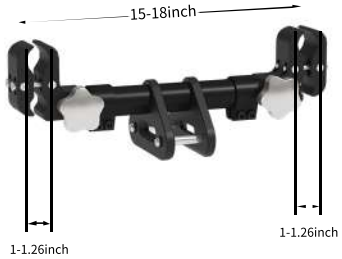


- 1.Gear and Speed Parameters: 3 forward gears, maximum speed of 25KM/H, 1 reverse gear, right-hand control for forward motion.
- 2.Cruise Control Function: Enabled by default, can be turned off.
- 3.Maximum Speed: Affected by actual user conditions, load, road conditions,etc., with a variation of ±5KM.
- 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 !

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Installation instructions





The diameter of the round tube shall be **1-1.26inch**, and the distance between two round tubes of the wheelchair shall be **15-18inch**.







Note: The adapted wheelchair must ensure that there is a round tube with a space of more than **1.57inch** at this position for the accessories to clamp. The clamped round tube must be fixed and not slide to ensure safety.



Optional Brake Lever (Non-Mandatory Installation): Customers can choose to install it as needed. If the wheelchair's built-in brake lever does not conflict with the horizontal axis installation, installation can be omitted.



(Assembly method shall be determined according to actual conditions.)

1.Sit in your wheelchair and near the handlebars



2.Adjust the link bar angle and screw the nut



3.Attach the connecting rod to the crossbar, as shown in the figure below



4.Lift the handlebars until the auxiliary wheels are off the ground, as below



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5.Adjust the crossbar angle to the optimal position .Long press the instrument panel power button (SW) until the display lights up,the device is ready for use.



Dismantlement

1.Hold the switch and press down the handlebars



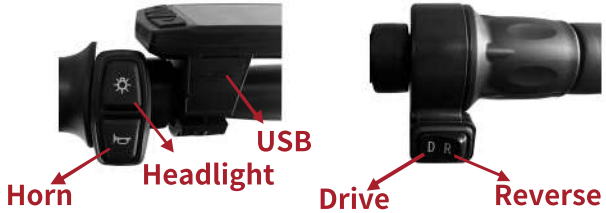
2.The connecting rod is detached from the crossbar



3.Push forward the handlebars



Key switch



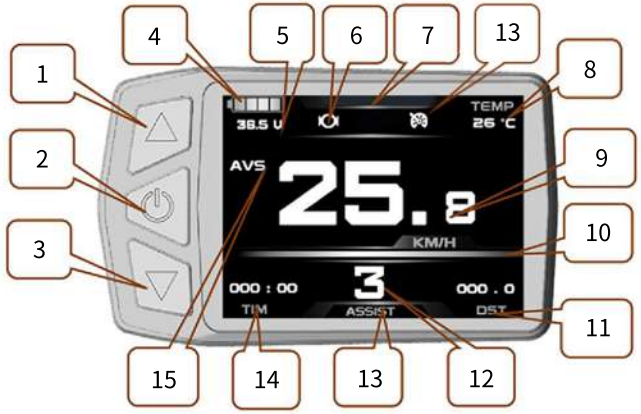


Matters needing attention

Dear customer, please read this manual before you use KT-TF01 Display. The manual will guide you use the instrument correctly to achieve a variety of vehicle control and vehicle status displays.

1.Functions and Display

Instrument adopts the structural form of integrated design of the main part of the instrument and the operation button.



1		UP Button	11	**DST**	Trip distance
2		SW Button		**ODO**	Total distance
3		DOWN Button	12	**PAS**	Pas level
4		Battery capacity indicator			6Km/H push power assist
5	**VOL**	Battery voltage	13	**THROTTLE**	THROTTLE display
6		The brake display		**ASSIST**	ASSIST display
7		Power display		**CRUISE**	CRUISE display
8	**TEMP**	Environment temperature	14	**TIM**	Single trip time
	MOTT	Motor temperature		**TTM**	Total trip time
9	**Km/H**	Real riding speed	15	**AVS**	Average speed
10		Riding speed display		**MXS**	MAX speed

2.Operation

1. ON/OFF

Hold button long to turn on the power, and hold long for a second time to turn off the power. When the motor stops driving and when the e-bike is not used for a consecutive 5minutes, it will automatically shut down and turn off the motor power supply.

2. Display 1



Hold button to start up and enter display.

2.1 Assist ratio gear(ASSlST)switch



Press or to switch 1-3 file gear. Gear 1 is for the minimum power, gear 3 is for the highest power. Each startup will automatically restore the gear shutdown last time (the user can set randomly).

2.2 6Km/H assist promotion function



Hold and flashes, the vehicle drives at the speed not more than 6Km/h. Release button, the function is invalid.

2.3 Cruise function



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

2.4 Display and delete of single data



After power on for 5 seconds, hold and at the same time, single trip riding time (TIM) and single trip distance (DST) flash,hold button shortly, the content of both is cleared. If failed holding the button within 5 seconds, it will automatically return the display interface after 5 seconds, original content is preserved.

3. Display 2



Press button in display 1 to enter display 2. In the riding mode within 5 seconds, display 2 automatically returns to display 1.

4. Display 3



Press button in display 2 to enter display 3.In the riding condition, 5 seconds later, a single maximum speed (MXS) display automatically returns to the real riding speed (Km/H).

5. In display 3, hold button shortly (sw),and the display will re-enter display 1.

6. Hold button to turn off the display and the power supply of controller.

7. Automatically prompt interface

7.1 Error Code Display:

1 Motor position sensor fault!

2 Motor or controller short circuit fault!

3 THROTTLE fault!

Once the fault was removed, it automatically exits from the fault code display interface.

7.2 Motor temperature alarm

When the motor temperature (the internal motor should be equipped with the temperature sensor and the output of temperature detection signal) is over the warning value, MOTT °C (°F) flashes to alarm at any display, meanwhile the motor controller will offer the appropriate. protection to motor.

3.General Project Setting

1. Set Max speed



Within 5 seconds after power on, hold and at the same time to enter General Setting interface, move to maximum speed setting LIM,press button LIM flash, press or to set the maximum riding speed.Press button Maximum riding speed stop flashing,then press to save.

2. Wheel diameter setting

LIM : 72km/h	C1 : 2
▶DIM : 12"	C2 : 0
UNT: 0	C3 : 1
P1 : 88	C4 : 4
P2 : 1	C5 : 0
P3 : 1	C6 : 3
P4 : 0	C7 : 0
P5 : 15	C8 : 0
NEXT	

Move to DIM, press , it flashes and then to DIM setting, press and to set wheel, chosen field within 5、6、8、10、12、14、16、18、20、23、24、26、27.5、700C、28 and 29 inches.Press to stop flashing and save.

3. Set the metric units

LIM : 72km/h	C1 : 2
DIM : 12"	C2 : 0
▶UNT: 0	C3 : 1
P1 : 88	C4 : 4
P2 : 1	C5 : 0
P3 : 1	C6 : 3
P4 : 0	C7 : 0
P5 : 15	C8 : 0
NEXT	

Move to UNT, press ,to enter UNT setting when it flashes, chosen field is within 0、1、2、3.Press button to save and press to go to the next parameter settings.

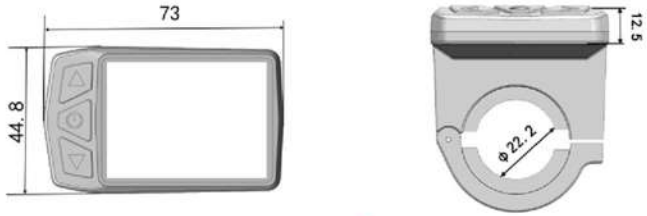
Code	Speed	Mileage	Ambient temperature
UNT:0	Km/h	Km	°C(Temperature)
UNT:1	MPH	Mil	°C(Temperature)
UNT:2	Km/h	Km	°F(Fahrenheit)
UNT:3	MPH	Mil	°F(Fahrenheit)

4. Exit from routine project setting

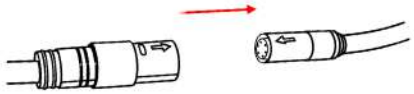
All three routine project settings can exit from the setting environment and return to the display by holding button long after each setting is completed, meanwhile the setting values are saved, under each setting interface, if the button failed holding for more than 1 minute, it will automatically return to display 1, and the setting value is invalid.

4.Qutline Drawings and Dimensions

1. Dimensions of main instrument body



2. Wiring diagram



Labels, Packing Logo Design

Symbol	Introductions	Symbol	Introductions
LOT	Batch Code	CE	CE Symbol
	Warnings and Precautions	NON STERILE	Non-Sterile
MD	Medical Device		Manufacture Date
	Manufacturer Name Address	EC REP	Name and Address of European UnionRepresentative
CC	Country of Manufacture	#	Model Number
	Importer		Distributor
UDI	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

EC REP

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 ELESMART 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:

ELESMART Customer Service

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

WARNING

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 hardly,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 ELESMART.