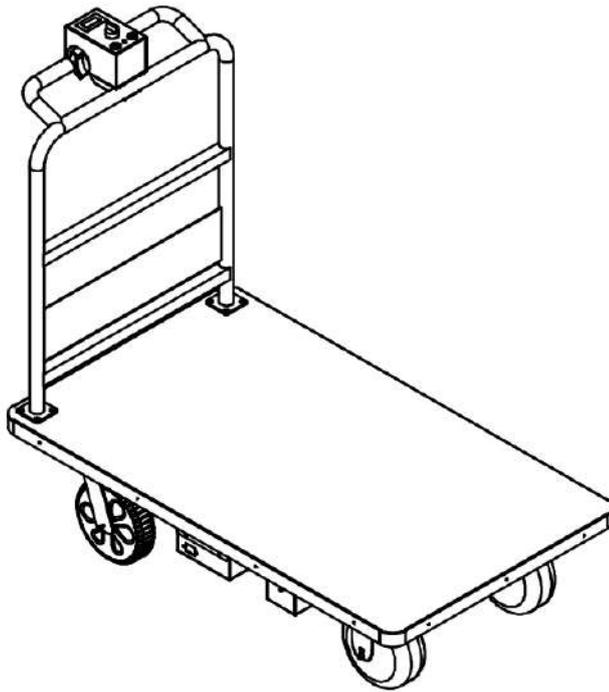


Electric Cart

Product Model: EH-C691A-BL

Product Instruction Manual

Please read the instructions carefully before use and follow the instructions



CEA Electric Co., Ltd

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I. Product Use and Function Introduction

- **Product name:** Electric Cart
- **Model/Specification:** EH-C691A-1BL
- **Application and function introduction:** The Electric Cart is an electric-powered carrier. With brushless motor-driven front wheels and LiFePO4 battery, this Electric Cart can move forward, reverse, and be in emergency stop. The product is designed to free labor, offering labor-saving, high-efficiency, and convenience. To be applied in different scenes, it is power-driven, 500kg max-load, incline-capable, and elevator-compatible. This product is widely applicable for short-distance cargo transport in warehouses, construction sites, hospitals, and logistics centers, where it can easily carry heavy objects (e.g., building materials, feed, medical supplies), and boost efficiency while reducing labor intensity.

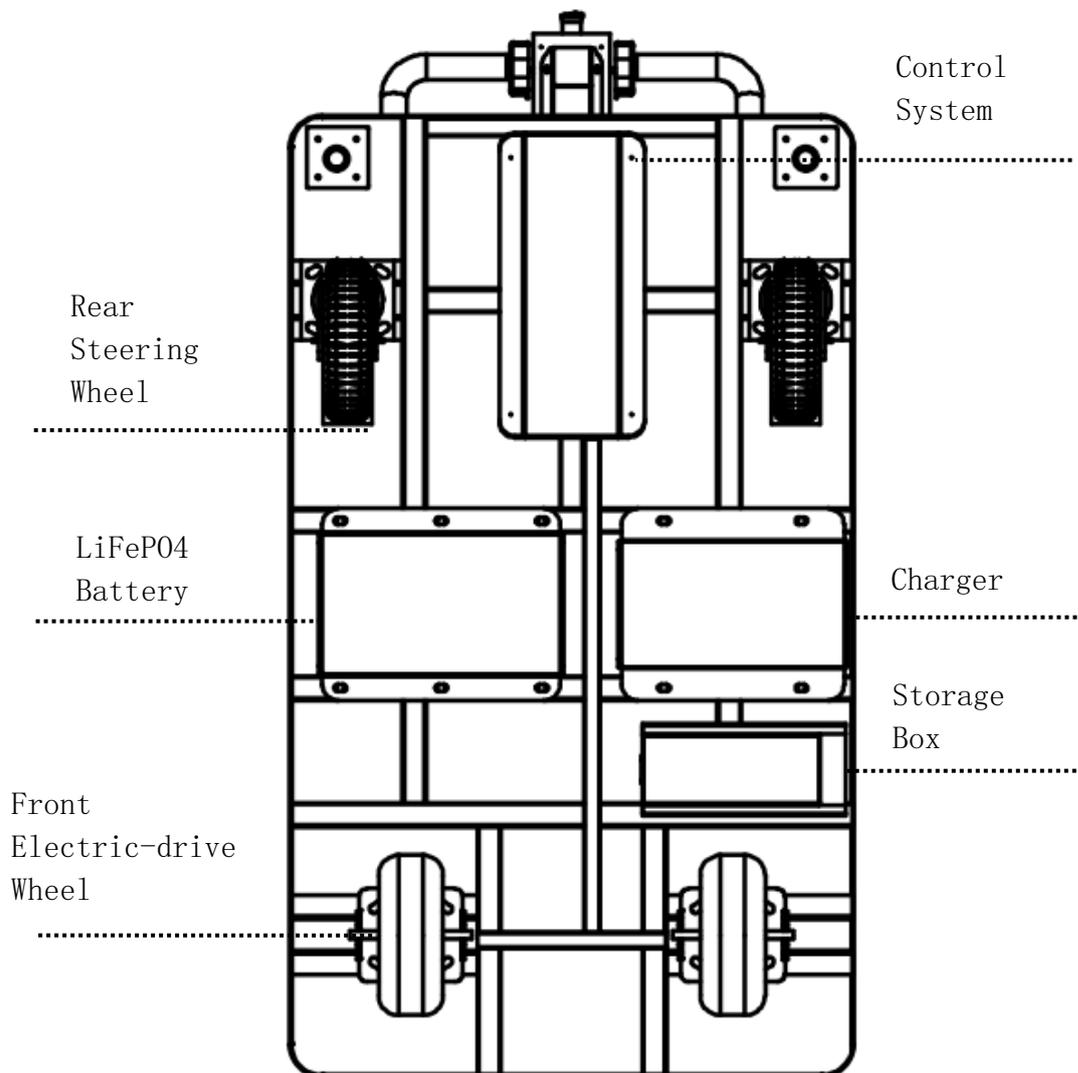
II. Product Introduction

1. Product Main Structure Composition

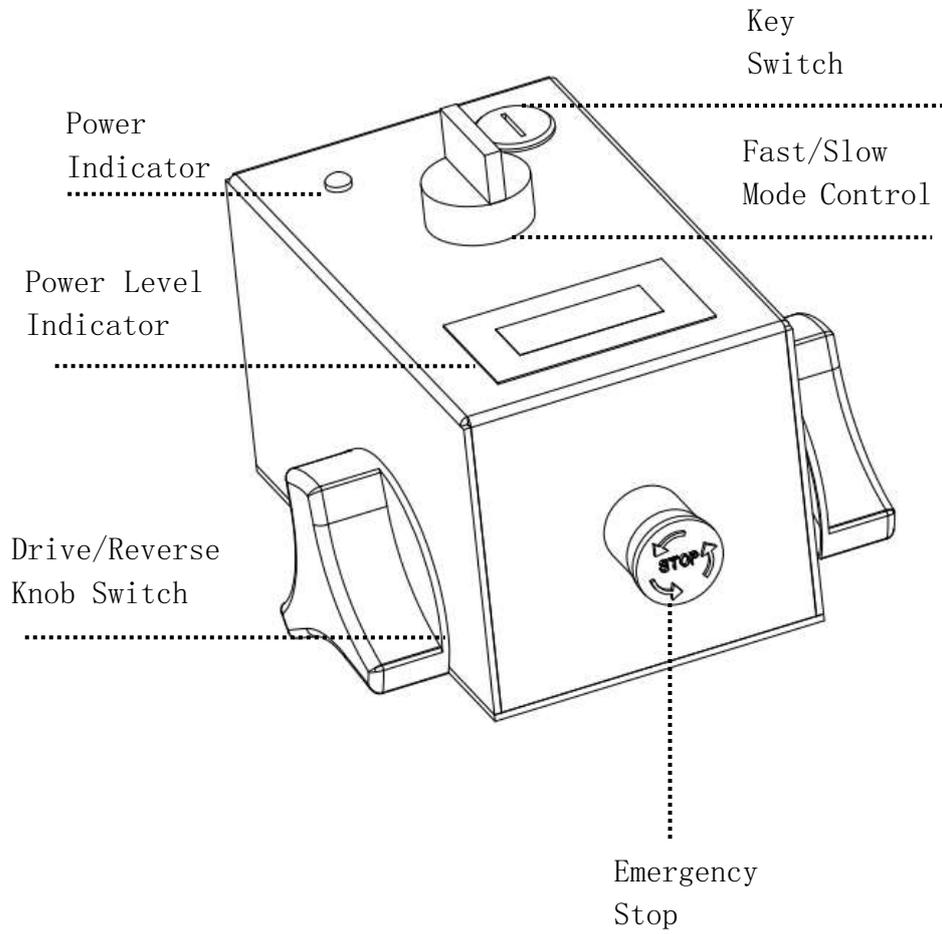
The Electric Cart mainly comprises an electric-drive wheel, LiFeP04 battery, and control system.

2. Structural Component Overview

2.1 Base

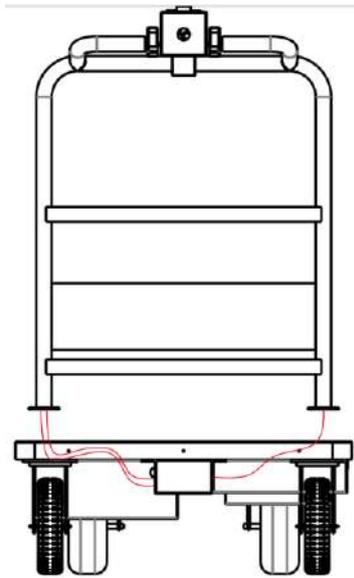


2.2 Control Box

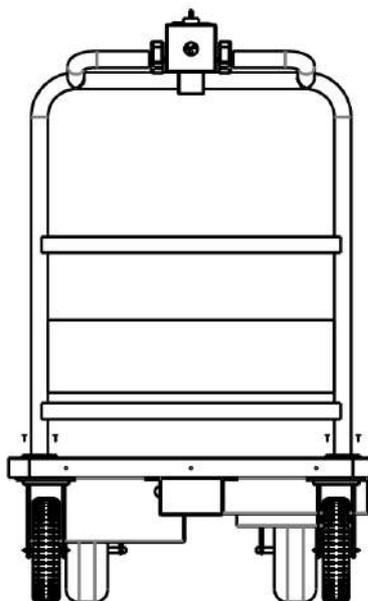


III. Installation Steps

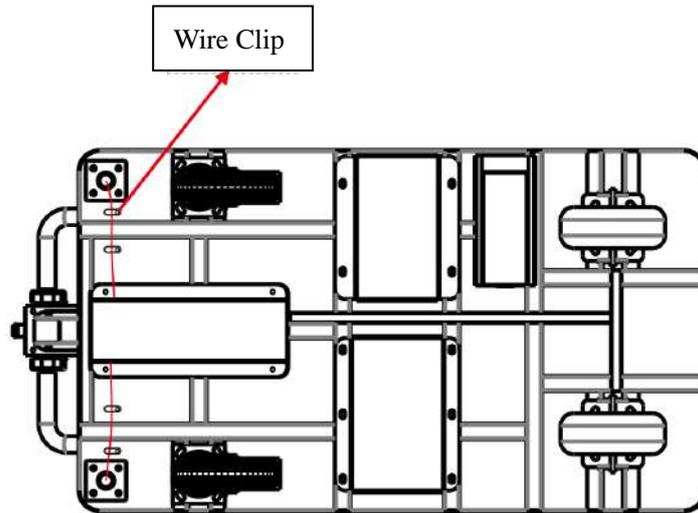
1. Adjust the handle, making its holes under to match the holes on the panel. Carefully thread the wiring harness down through the opening on the panel, then through the beam. Finally, connect the wiring harness connector to the corresponding female connector and tighten the nut.



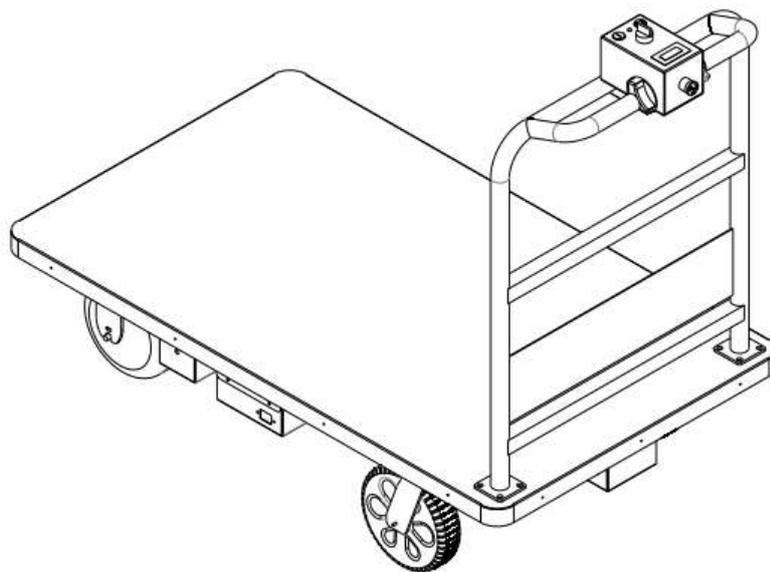
2. Take screws and spring washers from the storage box. Use a wrench to tighten screws, securing the handle to the panel.



3. Tilt the cart to one side. You can see four metal wire clips at the bottom. Use a wrench to loosen the nuts, adjust the wiring harness, and secure it with wire clips. Then tighten the nuts. Return the cart to its upright position.



4. Straighten the cart. Installation Complete



IV. Technical Parameters

Item	Parameter	
Motor Power	DC24V 192W*2	
Torsion	13.4N.m	
Load Capacity	500KG	
Battery Capacity	LiFeP04 25.6V 27AH	
Product Dimension	1330*700*1140mm	
Product Weight	69KG	
Ambient Temperature Range	-10-40°C Relative humidity: ≤80%	
	Altitude≤2000 Meter	
Transport and Storage Environment	Temperature: -15-55°C	
	Relative humidity: ≤93% (no condensation)	
	Atmospheric pressure: 70kPa~106kPa	
Climbing Angle	10°	
Travel Direction	Drive/Reverse	
Braking Method	Electric Brakes/Emergency Stop	
Charging Method	Wall Charge AC100-240V 50/60Hz 294W	
Travel Speed	Fast	0-7Km/H
	Slow	0-4Km/H

V. Operation and Usage

1. Operating Instructions

1. Press the Power Switch to check the battery level. When below 20%, the product should be fully charged before use.
2. Rotate the Key Switch clockwise to power on. A steady indicator light confirms normal system startup.
3. Turn off the Emergency Stop button. Choose Fast/Slow mode. Then rotate the Knob Switch to control movement:
 - a) Push forward to drive;
 - b) Push backward to reverse.

2. Charging Steps

2.1 Mains Charging: First, confirm whether the mains parameter matches that of the machine. Turn on the Key Switch. Plug the equipped power cord into the AC port side of the machine and the other end into the mains power socket. And check the power change on the screen. The rise shows that the machine has been powered successfully.

VI. Product Maintenance

- 6.1 New products should be fully charged before use;
- 6.2 Regularly inspect and tighten all screws on the cart. Check wheels for deformation or damage;
- 6.3 In the case of long-term storage for more than three months, not less than 50% of the power storage shall be maintained;

6.4 If stored for more than 6 months, to extend the service life of the battery, please charge and discharge the product 1-2 times.

VII. Common Troubleshooting

7.1 Unable to Charge:

- A. Confirm whether the mains parameter is matched with the machine;
- B. Ensure the power is on before charging;
- C. Check whether the power cord is broken or in an open circuit.

7.2 Unable to Start Up:

- A. Check if the battery is undercharged and protected;
- B. Check if the Control Box is tightly connected.

7.3 Unable to Drive/Reverse:

- A. Check whether the Emergency Stop is off. If on, the device stopped by the electric;
- B. Power should be on.

VIII. Warnings and Precautions

8.1 Before use, please carefully check whether the rated voltage range of the product is consistent with the voltage range of the portable power station; otherwise, the device may not be able to be charged;

8.2 After the battery is discharged to the cut-off voltage, continuing to discharge is called over-discharge. It can easily cause serious power loss in the battery, thereby greatly shortening its service life.

Therefore, deep discharge should be avoided as much as possible when using the battery;

8.3 The product should be protected from rain, water, humidity, and violent shaking;

8.4 It cannot be used at an altitude exceeding 2000m;

8.5 After use, please turn off the machine in time (the no-load power consumption will continue to consume battery power when the machine is on);

8.6 Please charge the product with an equipped charger;

8.7 This product and its accessories may contain some small parts. Please keep the product and its accessories out of the reach of children. Children may accidentally damage the product and its accessories, or swallow small parts, causing suffocation or other dangers, children or people with intellectual disabilities need to use this product accompanied by their guardians;

8.8 Do not carry passengers. Do not overload. Do not climb slopes beyond limited angles. Do not make an unbalanced load;

8.9 To avoid power loss, the product should be recharged immediately after use;

8.10 The product applies electromagnetic braking. While using, carefully control braking distance to prevent accidents;

8.11 Modifying the equipment is strictly prohibited;

8.12 Do not store the device in a humid or corrosive environment for a long time;

8.13 Do not apply in rainy or snowy weather. The product cannot be submerged, otherwise, short circuits will damage wiring and other components.

IX. Product packing list

9.1 Electric Cart*1 Pc

9.2 User Manual*1 Pc

9.3 AC Charging Cable*1 Pc

9.4 Installation Screws*1 Set

9.5 Key Switch*2 Sets

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Date of manufacture: Please refer to the package.

Service life: 3 years

The date of compilation of the manual: 2025.12.27