

VOLTORB

ELECTRIC VEHICLE CHARGING EQUIPMENT IC-CPD

MODEL: YWCC-M232A-06M

INSTRUCTION MANUAL



Contents

2

Product Overview

3

Package Includes

3

Introduction

4

Viewing Screen
Dimension and Its
Function

5

Technical Parameters

6

Operation Instructions

10

Fault Rectification

11

Indicator Lights and
Their Description

12

Intended Use

13

Care and Maintenance

13

Safety Instructions

16

Warnings

17

Disposal

18

Warranty

20

Services

20

About us

Thank You!

Dear Customer

Thank you for your purchase!

This instruction manual contains all the necessary instructions to help you use our product. Read and follow all the instructions very carefully to have easier and safer use of our product.

In case you need any other assistance, feel free to contact us at
www.website.com

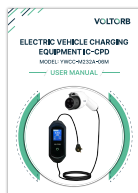
Thank you for your purchase once again!

PRODUCT OVERVIEW:



PACKAGE INCLUDES:

- Electric Vehicle Charging Equipment IC-CPD x 1
- Instruction Manual x 1



INTRODUCTION:

Our Electric Vehicle Charging Equipment IC-CPD is designed with advanced technology faster-charging speed that is compatible with all electrical vehicles and plug-in hybrids. It is portable, compact, and durable and can charge up to 6x faster than a normal wall outlet. The 6 meters-long cable makes it effortless and fits most driveways and garages. The viewing screen is the best addition that shows the charging status and fault alerts like overcurrent, overvoltage, or overheating.

VIEWING SCREEN DIMENSION AND ITS FUNCTIONS:



- **Temperature Detection Function:**

The working temperature of the charger can be monitored at any time. Once the safe temperature is exceeded, the charging pile will stop working and automatically resume charging when the temperature returns to normal.

- **Chip Automatic Fault Repair Function:**

The smart chip can automatically fix common charging errors to ensure the stable operation of the product.

- **The Power Switch:**

The rated power can be switched freely by pressing the button.

- **2.8-inch Screen Display:**

A large screen displays charging data.

TECHNICAL PARAMETERS:

Item	Parameters
Product Model	YWCC-M232A-06M
Rated Voltage	1-phase: 230VAC \pm 10%
Rated Current	Max. 32A (Depending on the model variant)
Power	Max. 7kW (Depending on model and version)
Grid Frequency	50/60 Hz
IP Protection Class	IP65
Operating Temperature	-25°C \sim +45°C
Storage Temperature	-40°C \sim +85°C
Humidity	Up to 75%, maximum value at 40°C
Altitude	up to 2000 m
Cable Length	6m
Protection	Over-voltage protection, Under-voltage protection, Over-current protection, short-circuit protection, Ungrounded protection, Over-temperature protection, A+6mA Leakage protection
Operating Instruction	LED
Dimensions	200 (L) \times 100 (W) \times 55 (H) mm
Weight	3.3 kg
Directives of the European Union	2014/35/EU, 2014/30/EU, 2011/65/EU
Standards	This IC-CPD charging equipment meets all applicable IEC and EN standards and regulations in the context of national legislation, as well as the European and international regulations. If necessary, the respective declaration of conformity can be made available

OPERATION INSTRUCTIONS:

Preparations:

1. Do the unboxing carefully.
2. Read and understand the vehicle manual.



3. Read and understand the instructions for the IC-CPD charging equipment.



4. Uncoil the cable of the device carefully.



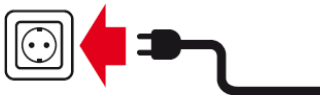
5. Ensure the cables are routed correctly over their length to avoid stumbling.



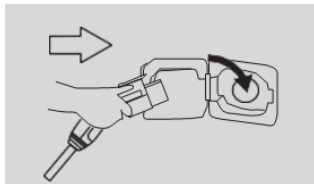
Charging Instructions:

For operating the IC-CPD charging equipment, follow the instructions below:

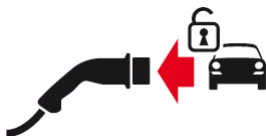
1. Insert the power plug of the device into the nearby outlet.



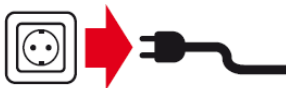
2. Once the device gets connected to the outlet properly, the indicator lights for power and connection will light up, wait until the power LED lights to get solid and light up continuously.
3. Insert the charge coupler of the device into the vehicle's charging inlet.



4. Once the vehicle connector and the vehicle's charging inlet connect properly, the process of charging will begin automatically and will be indicated by the LED lights.
5. When the vehicle gets completely charged, unlock the vehicle charging inlet and pull out the vehicle connector to remove and disconnect it.



6. Remove the power plug from the outlet.



7. Keep and store the IC-CPD charging equipment in a safe place.

Viewing Screen Operating Instructions:

The initial interface of the viewing screen shows time, energy, current, and voltage.

26.5	E9	
Time	00:00:00	
Energy	0.00kWh	
Current	0.0A	
Voltage	0V	
8A	0.0A	

1. To enter the settings page, press and hold the screen for 3 seconds.

Function Select
Time reservation
Change current
Ground protection
Not grounded protect

- When you enter the settings page, select the function that you want to set and hold it for 3 seconds to confirm.
- For setting time, choose the **"time reservation"** option. By clicking once you can add 30 mins.

Note: Maximum limit of time reservation is 3 hours.

Time reservation

02:00:00

- For setting voltage, choose the **"Change current"** option. By clicking you can adjust and select from different voltages such as 8A,10A,13A,16A,20A,24A, and 32A.

Change current

08A

- For setting the ground protect function, select the **"Ground Protection"** option.

Ground protection

- For setting the not-ground protect function, select the **"Not Ground Protection"** option.

Not grounded protect

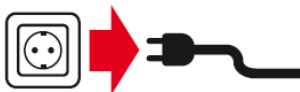
FAULT RECTIFICATION:

If any type of fault alert is indicated by the LED lights, follow the steps below:

1. Pull the vehicle connector to remove it from the vehicle's charging inlet.



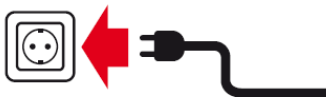
2. Once the vehicle connector is disconnected from the vehicle, pull the power plug to remove it from the outlet.



3. Wait for approximately 5 seconds.



4. After a break of 5 seconds, insert the power plug again into the outlet carefully.



- Wait until the power LED lights up continuously.
- Insert the vehicle connector into the vehicle's charging inlet.



- The charging process will restart automatically.

NOTE: If the "FAULT" LED flashes continuously red after the charging or during the charging, do not use the device and contact your regional customer service for assistance.

INDICATOR LIGHTS AND THEIR DESCRIPTION:

Working Condition	Light State		
	Red	Green	Blue
Power On (Unplugged)	/	Stays On	/
Insert the Plug (Uncharged)	/	Stays On	/
Charging Mode	/	/	Flashing
Charging Completed	/	/	Stays On
Communication Error	Flash for 1	/	/
Under-voltage Protection	Flash for 2	/	/
Over-voltage Protection	Flash for 3	/	/
Ground Fault	Flash for 4	/	/
Over-current Protection	Flash for 5	/	/
Leakage Protection	Flash for 7	/	/
Over-temperature Protection	Flash for 8	/	/

INTENDED USE:

1. Operate the charging cable when it is directly connected to a fixed grid outlet only.
2. Improper use can result in malfunctioning of the device and can cause damage to the property. The charging equipment with integrated in-cable control and protection device (IC-CPD) from COBI is a mobile charging device for electrical vehicles (EVSE) with a mains connection for Charging battery-powered electric vehicles (BEV) and plug-in hybrid electric vehicles (PHEV).
3. The safe and user-friendly mobile IC-CPD (mode 2) allows the owners of electric vehicles to connect and charge their vehicles virtually everywhere having 230 V AC current grids. The voltage may vary depending on the regional current grid and the device version.
4. This system consists of three separate components;
 - AC power cable (plug type according to region)
 - Control box ICCB
 - Vehicle connector type (according to region)

The above-mentioned components can together offer a solid and reliable method of charging an electric vehicle.

CARE AND MAINTENANCE:

1. Clean the IC-CPD charging equipment with a dry cloth.
2. Do not use any cleaning agents or flammable solvents, such as alcohol or benzene.
3. Cleaning or any other contact with chemicals can damage the device and is prohibited.
4. Do not store the device in an abnormal environment or condition, and pay attention to the following;
 - Store away from moisture, combustible and inflammable substances.
 - Store in a place where there is no adverse effect by atmospheric pressure, temperature, humidity, ventilation, sunlight, lint, dust, pests, salt, air containing ions, etc.
 - Do not store in the presence of chemicals or gas.

SAFETY INSTRUCTIONS:

1. Operate the IC-CPD charging equipment in properly grounded power networks only.
2. The grid outlet used for charging must be connected to a protected circuit that complies with local laws and standards.
3. The outlet must be protected by a functioning residual current-operated circuit-breaker (RCCB).
4. Do not use the IC-CPD charging device if it is damaged or soiled.
5. Check the cable and connector for detection of the damage and soiling before using them.



6. Do not use an outlet that is worn out or damaged.
7. The operation of the IC-CPD charging equipment connected to a worn or damaged outlet can result in serious injury or fire.
8. Do not remove the cover and do not open the housing.
9. Do not touch any parts inside the vehicle connector.
10. Do not apply any overvoltage to the IC-CPD charging equipment.
11. Do not use extension cords, cable drums, multiple sockets, (travel) adapters, timers, etc.



12. Do not perform any modifications or repair tasks to electrical components and do not open the device.



13. Do not touch or make contact with the vehicle charging inlet and the IC-CPD charging equipment.
14. Keep sockets, plug connection and the IC-CPD charging equipment free of moisture, water, snow, ice, and other liquids.



15. Disconnect the IC-CPD charging device from the socket during unfavorable conditions like a thunderstorm.
16. Do not insert any objects in the vehicle charging inlet or in the IC-CPD charging equipment.
17. Clean the IC-CPD charging equipment when the control device is completely disconnected from the power grid and from the vehicle.
18. The IC-CPD charging equipment should not be operated by persons who are not familiar with its use, or are under the influence of drugs, or medications.
19. Keep the IC-CPD charging equipment away from persons with disabilities and children who cannot assess the hazards involved with its handling.
20. While performing an unattended charging process unauthorized persons (playing children) should not have access to the IC-CPD charging equipment.

WARNINGS:

NOTE: Components of the IC-CPD charging equipment can cause sparks and ignite flammable or explosive vapors.

1. During charging ensure that the control box is located at least 20 inches (50 cm) above the ground to reduce the risk of explosions, particularly in the garages.
2. This device is designed only for charging vehicles, which do not require ventilation during the charging process.
3. Do not slide the IC-CPD charging equipment over sharp edges.
4. Avoid kinking the charging cable.



5. Do not apply weight or run over the plug, control box, or cables.



6. Handle the device with care and do not exert any unusual mechanical strain on it.



Handle with care

7. Lower or higher temperatures can damage the device so, do not operate the IC-CPD charging equipment outside the permissible ambient temperature range which is from -40°C to $+65^{\circ}\text{C}$.
8. Do not attempt to connect the device with not-matching vehicle connectors and charging inlets.
9. Do not use the IC-CPD charging equipment when the cables are coiled.



DISPOSAL:

The disposal of decommissioned devices must be in accordance with the applicable country-specific and regional laws and guidelines. Equipment and batteries must never be disposed of with domestic waste.



1. Decommissioned equipment must be placed in a collection facility for electronic waste or disposed of via your dealer.
2. Dispose of the packing material in the respective collection bins for cardboard, paper, and plastics.

WARRANTY:

VOLTORB ensures that this product will be free from defects in material and workmanship as well as from design errors.

The original purchaser for this device is provided a 1-YEAR MANUFACTURER WARRANTY.

The warranty begins from the date of purchase, if the product is found to be defective in material, manufacturing, or construction within this warranty period, VOLTORB will, at its discretion, repair or replace the defective product and will allow approved reimbursement for labor charges for the first year with some exclusions.

Customers must provide proof of purchase and receive authorization from the manufacturer before starting repair work under warranty.

We strongly recommend keeping your original receipt or your purchase. Any device that has been bought second-hand or resold is not covered by the warranty.

1. We do not include the repair of damage due to improper installation, the incorrect connection of peripherals, external electrical interference, accident, disaster, misuse, or any changes made in the product that are not approved in writing by VOLTORB.
2. We do not replace defective devices or provide refunds for products purchased from us after 30 days from the date of purchase.
3. The manufacturer shall not be liable for any consequential loss or inconvenience caused by any failure of the product.
4. Any water or liquid damage to the product will not be covered.
5. After the warranty has concluded, the buyer is required to pay for all parts and labor charges.
6. If the device is repaired or replaced, either within or outside the warranty period, the manufacturer reserves the right to provide parts or replacements in different colors than the original device.
7. The warranty does not cover damages to the device caused by misuse or product abuse.

Repair parts and/or replacement products can be replaced at the discretion of VOLTORB with either new or reconditioned products.

Any service repairs, which are not covered by the limited warranty, shall be performed at the rates, terms, and conditions applicable at the time of the repair.

Under no circumstances shall Youwell, a sales or service representative, or the parent company be held liable to the customer or any third party for any damages that exceed the purchase price of the product.

This limitation applies to damages of any kind, including any direct or indirect damages, lost profits, lost savings or special, incidental damages, predictive or consequential damages, whether due to a breach of contract, tort, or any other means or if such damages are based on the use or improper use of the product, even if Youwell or an authorized representative or dealer of Youwell has been advised by third parties about the possibility of such damages or any other claim.

In some countries, the exclusion of incidental or consequential damages is not permitted for some products, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may have other rights, which vary from country to country.

SERVICES:

VOLTORB reserves the right to modify the product without prior notice.

Any changes or modifications made to the product may result in loss of warranty if they are not carried out by an approved service workshop.

If you have any questions regarding the use of this product, please contact your service representative.

For the customer service organization responsible for your area please refer to the manual of your vehicle!

OR

Please contact your local dealer for assistance.

For the contact data, please refer to your vehicle's owner manual!

ABOUT US:

This User Manual is based on the latest product information at the time of publication.

For any sort of assistance, you can access us on;

Address: NingBo Youwell(YUYUE) Autoparts Technology Co, Ltd No.95,
LuoMing South Road, Guanhaiwei Town, Cixi City, Zhejiang, China.

Service Email: service@voltagebauto.com

Email: www.voltagebauto.com

VOLTORB

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