

# **B6 EV Charger**

# **Operating Manual**

It is recommended to read the instructions before use.

# Catalogue

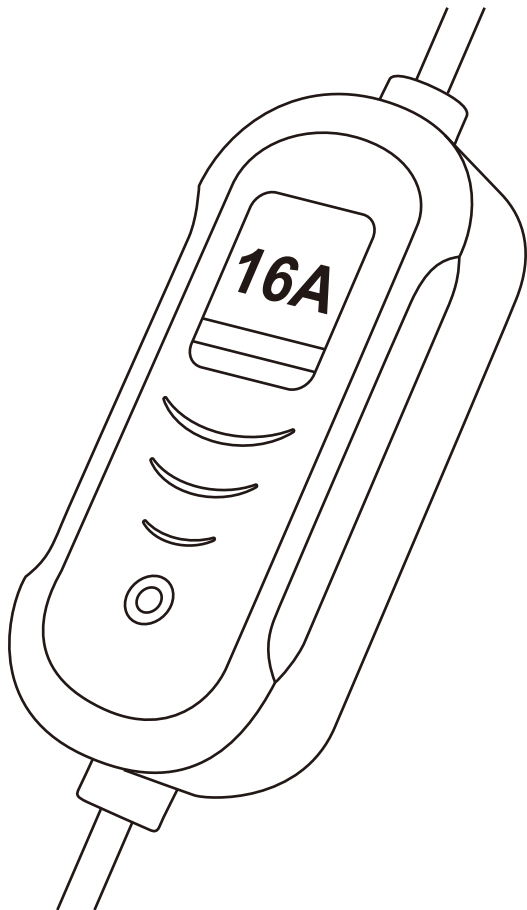
|                                         |           |
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# Welcome To Use

Thank you for choosing this new energy charging station!

This easy-to-install, user-friendly smart charger balances efficiency and safety for home and outdoor use. With our exclusive app, you can monitor charging data and manage processes in real time.

Enjoy a hassle-free charging experience and embrace green travel!

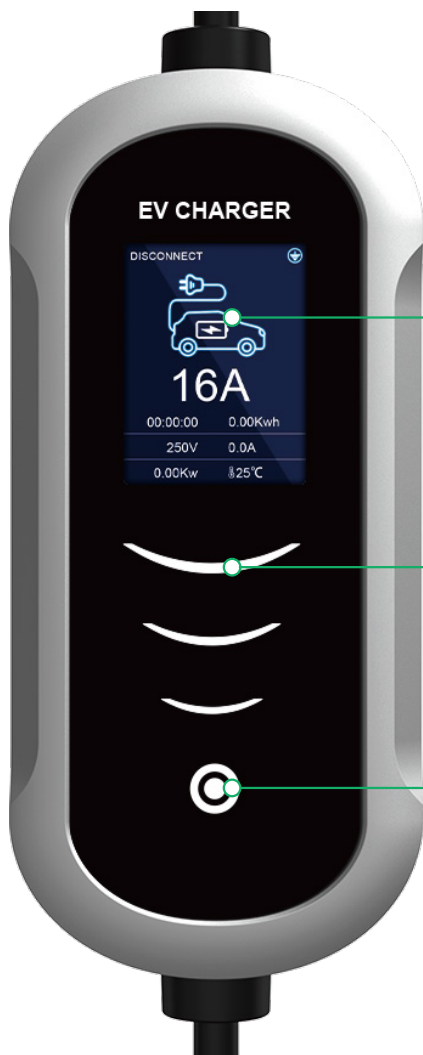


## B6 EV Charger

All pictures in this manual are for reference only; the actual product shall prevail.

## **WARNING!**

- Avoid immersing the AC charging connection device in water.
- Do not step on, pull, bend, or knot the charging cable.
- Do not insert foreign objects into any part of the Charging vehicle connector.
- Refrain from dropping the control box or placing heavy objects on its surface.
- Do not install or use the charger near flammable, explosive, harsh, or combustible materials, chemicals, or vapors.
- Ensure the operating ambient temperature of the equipment remains within the range of -30°C to +55 °C.
- Don't use the charger when you, the vehicle, or the charger is exposed to severe rain.
- Do not use the charger if it is defective, appears cracked, frayed, broken, otherwise damaged, or fails to operate.
- Do not use this product if the enclosure or the EV connector is broken, cracked, open, or shows any other indication of damage.
- Do not attempt to open, disassemble, repair, tamper with, or modify the charger.
- This product is exclusively designed for electric vehicle charging purposes.
- Avoid using external wires or adapters.
- This product must be well-grounded when used.
- Never insert your fingers into the charging plug.
- The EV charger is not user-serviceable. For any repairs, please contact us at the provided email address.
- If the device fails to charge normally as per the operation manual, please contact the seller or consider a replacement.
- Never allow children to play with the charger cable. To avoid the risk of fire or electric shock, do not use this device with an extension cord.
- Using a worn or damaged AC outlet may cause burns or start a fire.
- Risk of explosion. This equipment has an arc or sparking parts that should not be exposed to flammable vapors.
- Risk of electric shock. Do not remove the cover or attempt to open the enclosure of the charger unit. No user-serviceable parts inside. Refer servicing to qualified service personnel.



LCD Display Screen

Status indicator light

Press the button to adjust the current

## TYPE 2 IEC 62196-2

|                     |                                                                                                                                                                                      |                                                  |                                                    |                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------|--------------------------------------------------|
| Power Rating        | 3.5kw                                                                                                                                                                                | 7kw                                              | 11kw                                               | 22kw                                             |
| APP                 | Support                                                                                                                                                                              |                                                  |                                                    |                                                  |
| Leakage Protection  | AC 30mA / AC 30mA+DC 6mA                                                                                                                                                             |                                                  |                                                    |                                                  |
| Power Supply System | Single Phase / Three Phase                                                                                                                                                           |                                                  |                                                    |                                                  |
| Rated Voltage       | 220V / 380V                                                                                                                                                                          |                                                  |                                                    |                                                  |
| Rated Current       | 8A-16A                                                                                                                                                                               | 13A-32A                                          | 8A-16A                                             | 13A-32A                                          |
| Input Frequency     | 50Hz/60Hz                                                                                                                                                                            |                                                  |                                                    |                                                  |
| Charger Plug        | IP65                                                                                                                                                                                 |                                                  |                                                    |                                                  |
| Charger Box         | IP65                                                                                                                                                                                 |                                                  |                                                    |                                                  |
| Working Temperature | -20°C~ 50°C                                                                                                                                                                          |                                                  |                                                    |                                                  |
| Storage Temperature | -20°C~40°C                                                                                                                                                                           |                                                  |                                                    |                                                  |
| Standby Power       | <3W                                                                                                                                                                                  |                                                  |                                                    |                                                  |
| Working Humidity    | 5%~95%<br>non-condensation                                                                                                                                                           |                                                  |                                                    |                                                  |
| Cable Specification | 3G 2.5mm <sup>2</sup><br>+<br>1*0.5mm <sup>2</sup>                                                                                                                                   | 3G 6mm <sup>2</sup><br>+<br>1*0.5mm <sup>2</sup> | 5G 2.5mm <sup>2</sup><br>+<br>1*0.5mm <sup>2</sup> | 5G 6mm <sup>2</sup><br>+<br>1*0.5mm <sup>2</sup> |
| Multiple Protection | Overvoltage protection, Undervoltage protection<br>Overcurrent protection, Over temperature protection<br>Leakage protection, CP fault<br>Lightning protection, Grounding protection |                                                  |                                                    |                                                  |

## TYPE 1 SAE J1772

|                     |                                                                                                                                                                                      |                        |                               |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------|
| Power Rating        | 3.8kw                                                                                                                                                                                | 7.6kw                  | 9.6kw                         |
| APP                 | Support                                                                                                                                                                              |                        |                               |
| Leakage Protection  | AC 30mA / AC 30mA+DC 6mA / CCID 2.0                                                                                                                                                  |                        |                               |
| Power Supply System | Single Phase                                                                                                                                                                         |                        |                               |
| Rated Voltage       | 85V-265V                                                                                                                                                                             |                        |                               |
| Rated Current       | 8A -16A                                                                                                                                                                              | 13A-32A                | 13A-40A                       |
| Input Frequency     | 50Hz/60Hz                                                                                                                                                                            |                        |                               |
| Charger Plug        | IP65                                                                                                                                                                                 |                        |                               |
| Charger Box         | IP65                                                                                                                                                                                 |                        |                               |
| Working Temperature | -20°C~ 50°C                                                                                                                                                                          |                        |                               |
| Storage Temperature | -20°C~40°C                                                                                                                                                                           |                        |                               |
| Standby Power       | <3W                                                                                                                                                                                  |                        |                               |
| Working Humidity    | 5%~95%<br>non-condensation                                                                                                                                                           |                        |                               |
| Cable Specification | 3G 14AWG<br>+<br>18AWG                                                                                                                                                               | 3G 10AWG<br>+<br>18AWG | 2G 9AWG<br>+<br>10AWG+1*18AWG |
| Multiple Protection | Overvoltage protection, Undervoltage protection<br>Overcurrent protection, Over temperature protection<br>Leakage protection, CP fault<br>Lightning protection, Grounding protection |                        |                               |

| GB/T                |                                                                                                                                                                                      |                                                   |                                                     |                                                   |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------|---------------------------------------------------|
| Power Rating        | 3.5kw                                                                                                                                                                                | 7kw                                               | 11kw                                                | 22kw                                              |
| APP                 | Support                                                                                                                                                                              |                                                   |                                                     |                                                   |
| Leakage Protection  | AC 30mA / AC 30mA+DC 6mA                                                                                                                                                             |                                                   |                                                     |                                                   |
| Power Supply System | Single Phase / Three Phase                                                                                                                                                           |                                                   |                                                     |                                                   |
| Rated Voltage       | 220V / 380V                                                                                                                                                                          |                                                   |                                                     |                                                   |
| Rated Current       | 8A -16A                                                                                                                                                                              | 13A-32A                                           | 8A -16A                                             | 13A-32A                                           |
| Input Frequency     | 50Hz/60Hz                                                                                                                                                                            |                                                   |                                                     |                                                   |
| Charger Plug        | IP65                                                                                                                                                                                 |                                                   |                                                     |                                                   |
| Charger Box         | IP65                                                                                                                                                                                 |                                                   |                                                     |                                                   |
| Working Temperature | -20°C~ 50°C                                                                                                                                                                          |                                                   |                                                     |                                                   |
| Storage Temperature | -20°C~40°C                                                                                                                                                                           |                                                   |                                                     |                                                   |
| Standby Power       | <3W                                                                                                                                                                                  |                                                   |                                                     |                                                   |
| Working Humidity    | 5%~95%<br>non-condensation                                                                                                                                                           |                                                   |                                                     |                                                   |
| Cable Specification | 3G 2.5mm <sup>2</sup><br>+<br>1*0.75mm <sup>2</sup>                                                                                                                                  | 3G 6mm <sup>2</sup><br>+<br>1*0.75mm <sup>2</sup> | 5G 2.5mm <sup>2</sup><br>+<br>1*0.75mm <sup>2</sup> | 5G 6mm <sup>2</sup><br>+<br>1*0.75mm <sup>2</sup> |
| Multiple Protection | Overvoltage protection, Undervoltage protection<br>Overcurrent protection, Over temperature protection<br>Leakage protection, CP fault<br>Lightning protection, Grounding protection |                                                   |                                                     |                                                   |

## TS-NACS

|                     |                                                                                                                                                                                      |                          |                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------|
| Power Rating        | 3.5kw                                                                                                                                                                                | 7.6kw                    | 9.6kw                          |
| APP                 | Support                                                                                                                                                                              |                          |                                |
| Leakage Protection  | AC 30mA / AC 30mA+DC 6mA / CCID 2.0                                                                                                                                                  |                          |                                |
| Power Supply System | Single Phase                                                                                                                                                                         |                          |                                |
| Rated Voltage       | 85V-265V                                                                                                                                                                             |                          |                                |
| Rated Current       | 8A -16A                                                                                                                                                                              | 13A-32A                  | 13A-40A                        |
| Input Frequency     | 50Hz/60Hz                                                                                                                                                                            |                          |                                |
| Charger Plug        | IP65                                                                                                                                                                                 |                          |                                |
| Charger Box         | IP65                                                                                                                                                                                 |                          |                                |
| Working Temperature | -20°C~ 50°C                                                                                                                                                                          |                          |                                |
| Storage Temperature | -20°C~40°C                                                                                                                                                                           |                          |                                |
| Standby Power       | <3W                                                                                                                                                                                  |                          |                                |
| Working Humidity    | 5%~95%<br>non-condensation                                                                                                                                                           |                          |                                |
| Cable Specification | 3G 14AWG<br>+<br>3*22AWG                                                                                                                                                             | 3G 10AWG<br>+<br>3*18AWG | 2G 9AWG<br>+<br>10AWG+13*22AWG |
| Multiple Protection | Overvoltage protection, Undervoltage protection<br>Overcurrent protection, Over temperature protection<br>Leakage protection, CP fault<br>Lightning protection, Grounding protection |                          |                                |

## Current Mode Setting



1. Press the button  to switch the current after inserting the plug into the socket



2. Select the current, 4 modes (8A/10A/13A/16A/20A/24A/32A)

## Appointment Operation



1. Press and hold  until the 0H light flashes. to adjust the appointment

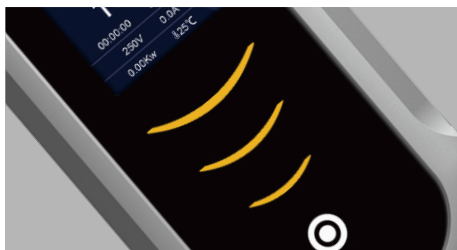


2. The appointment duration can be selected as 0H, 2H, 4H or 8H

## Skip The Grounding Fault

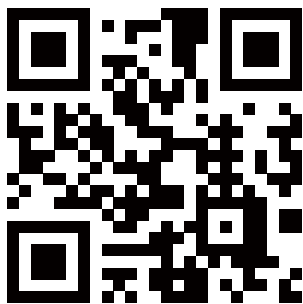


1. If the power is connected but not grounded, the yellow light will remain constantly on.



2. Long press  for 3 seconds to ignore the grounding fault.

\*The current cannot be adjusted while charging. Please disconnect the vehicle connector before operation.



## SAFETY INSTRUCTIONS

Using this new energy wall-mounted charger poses safety risks. Before your first use, you must carefully read the safety usage instructions in the operation manual. Please scan the QR code on the left to view the detailed installation and usage instructions.

## CAUTION!

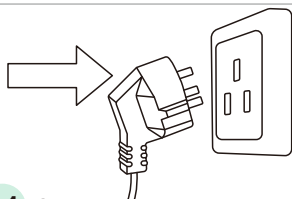
### Precautions 1:

- It is recommended that electrical outlets for your charger should be installed by a licensed and qualified electrician. To avoid serious injury or death; installation must comply with local codes.
- This product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to help reduce the risk of electric shock.

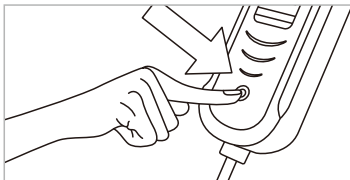
### Precautions 2:

- Ensure the power plug and socket are compatible before initiating the charging process.
- Do not charge if the socket is damaged, rusty, cracked, or has a loose connection. In case the socket is dirty or wet, please disconnect the power supply first. Wipe the charging plug with a dry and clean cloth to ensure it is dry and free from any debris.
- Verify that the charging connector, cable, control box, and plug surface are in good condition without any scratches, rust, breaks, or damages.

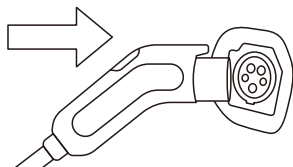
## Start Charging



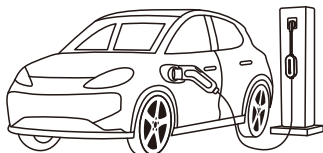
**01** Connect the socket-outlet



**02** Press the button on the left to adjust the current gear.

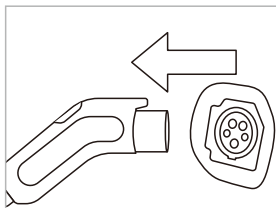


**03** Plug the vehicle connector in to your vehicle inlet

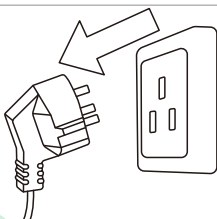


**04** Charging !

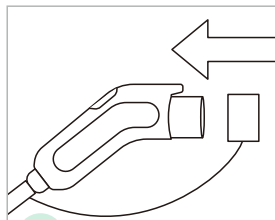
## End Charging



**01** Pull out the vehicle connector



**02** Disconnect the plug



**03** Put on the rubber cover

## Precautions

Please follow the steps in the pictures carefully

The current switching and setting of the schedule time must be done before the vehicle connector is inserted into the vehicle inlet, otherwise it cannot be set during the charging process

# Indicator Light Status

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| Light Display                                                                      | Lamp Color | Lamp Status | Charger Status |
|------------------------------------------------------------------------------------|------------|-------------|----------------|
|    | Blue       | Solid       | Free Time      |
|    | Blue       | Blinking    | Connected      |
|    | Green      | Chasing     | Charging       |
|    | Green      | Blinking    | Reservation    |
|  | Green      | Solid       | Complete       |
|  | Yellow     | Solid       | Ungrounded     |

| Protection Type                 | Fault Indicator Light Status     | Protection Trigger Condition                | Recovery Method                                                                                                                                           |
|---------------------------------|----------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Leakage protection</b>       | Flashing red or flashing 8 times | Leakage occurs                              | Device needs to be unplugged and restarted                                                                                                                |
| <b>Over-current protection</b>  | Flashing red for 5 times         | Current exceeds the maximum safety value    | Device needs to be unplugged and restarted                                                                                                                |
| <b>Over-voltage protection</b>  | Flashing red for 3 times         | Voltage exceeds 275V                        | Automatically restored after voltage returns to normal and stabilizes                                                                                     |
| <b>Under-voltage protection</b> | Flashing red for 4 times         | Voltage is lower than 75V                   | Automatically restored after voltage returns to normal and stabilizes                                                                                     |
| <b>Temperature protection</b>   | Flashing red for 6 times         | Temperature of the control box exceeds 85°C | Automatically restored once temperature drops to 70°C                                                                                                     |
| <b>CP Fault</b>                 | Flashing red for 10 times        | CP signal abnormality                       | If the charging box returns to normal after unplugging the charging gun, the problem lies with the gun; otherwise, it is the charging box that is faulty. |
| <b>Ground Fault</b>             | Charging status solid yellow     | Power is connected but not grounded         | Long press  for 3 seconds to ignore the grounding fault                |

## Customer Service Team

E-mail: [support@gocean.com](mailto:support@gocean.com)

## Warranty

### Two-Year Warranty

A two-year warranty is provided for customers who purchase original products.

## Lifetime Technical Support

If you encounter any product-related issues, please feel free to contact us and provide relevant pictures or videos for further assistance.

## Warranty Exclusions

The warranty does not cover the following situations:

- Product damage caused by failure to follow the recommended operation guidelines.
- Damage resulting from unauthorized disassembly of the product or maintenance performed by a non-designated service center.
- Products that are not original products.
- Damage caused by modifications or do-it-yourself alterations without guidance from a licensed electrician.

