



Portable EV charger manual

3.6kW PN. EV30002

8-10-13-16A



Features

Charging plug meet IEC 62196-2 standard.
Control box meet IEC 62196-2 control principle.
Excellent protection performance
Protection Grade IP55-Working condition.
Operating temperature: -30°C to +50°C
Rated voltage: 230V
Current adjustable range: 8A-10A-13A-16A
Cable Length: 5M black color cable
Vehicle Side Connector: Type2
Wall Power Supply Plug: Schuko Plug
HMI: LED indicator + display screen + press button

Mechanical Properties

Mechanical life: no-load plug in / pull out > 10000times
Impact of external force: can afford 1m drop and 2T vehicle run over pressure

Electric Performance

Rated Current and Voltage: 250V AC 16A

- Insulation Resistance: >1000MΩ (DC500V)
- Terminal Temperature Rise: < 50K
- Contact impedance: 0.5 mΩ Max

Control Box Function

Leakage protection (restart recover).

- Over voltage under-voltage protection (self-

checking recover).

- Lightning protection.
- Over current protection.
- Overheat protection.

Charger Cord

Specification: 3G2.5mm² + 0.5mm²

Meets Standards

IEC 62196-2.

Cautions

- DO not put the device in the water.
- DO not step on the cable, do not pull it, do not fold it up.
- Do not use the charger plugged into electrical adapters with power less than 3.6kW or electric current limit under 16 A.
- DO not drop the control unit or put heavy things on it.
- DO not place the charging cable near high-temperature objects.
- DO not place the unit in the car or in a closed room while charging.
- DO not use the device in extreme temperatures (normal operating range (-30°C to +50°C)).
- The power supply input cable should have at least 3*6mm² with a standard 16A jack. It is proposed to complete the distribution of electricity by professionals.
- Make sure that the charging plug, the cable and the control box are free from any signs of scratches, rust, cracks, etc.

- DO not charge if the power outlet is damaged, rusted, cracked or loosely connected.
- Before charging, make sure the power plug and outlet are compatible.
- The Green Power LED indicator is always on when the battery is fully charged.

Warnings

- Carefully read these instructions and your vehicle owner's handbook before charging your EV.
- Use only on the mains with fault current circuit breaker.
- DO not use this product if the EV charging cable is damaged.
- For use with EV charging only.
- The product must be grounded.
- DO not use this unit with an extension cord or adapter.
- DO not insert any fingers into the charging plug.
- The unit contains no user serviceable parts. DO not try to repair or service the device yourself.
- If the unit does not work properly in accordance with the operating instructions, do not use this unit. Contact your dealer for a repair or replacement.
- Use the product under normal away from high temperature erosive materials or ignition source.
- DO not contact metal conductor to prevent electric shock accident.
- Product shell is made of thermoplastic, please do not pound it to avoid reducing performances.

Charge

1. Check the power distribution cable for damage before powering up.
2. Plug the mains plug into the socket.
3. Select the charging power with the button on the front 8A-10A-13A-16A **(For your safety, the electric current cannot be modified with the vehicle plugged in).**
4. Make sure that the power outlet complies with national standards and that the socket is 16A.
5. Plug the vehicle plug into the socket of your vehicle.
6. Make sure that the vehicle connector is fully inserted until it clicks into place.
7. The charger works automatically.
8. When the charger show that the charging process is finished.
9. Disconnect the plug.
10. Disconnect the charging cable.
11. Cover the connector cover to you plug.
12. Insert the charging cable into the carrying case.











Warranty:

Damage caused for the following reasons is not covered by the warranty:

1. Improper handling, installation, use and maintenance by the user.
2. Product falls into the water.

This warranty is for the original purchaser only and is NOT transferable.

PLEASE NOTE: This document includes the latest information at the time of printing. EVplug Chargers, S.L. reserves the right to make changes to this product without further notice. Changes or modifications to this product by other than an authorized service facility could void the product warranty

| Condition | LED Display Status Code | | | |
|--------------------|--|--|--|--|
| | Green (1 flash) | Green (2 flash) | Green (3 flash) | Red Fault |
| Initial Mode | On  | Off | Off | Off |
| Waiting connection | On  | Flash (1s)  | Off | Off |
| Charging mode | Flashing  | Flashing  | Flashing  | Off |
| Charging Complete | On  | On  | On  | Off |
| Fault Mode | Off | Off | Off | On  |

Failure mode:

Failure mode identifies that there is an error in the upload process.

It can occur for the following reasons:

1. Differential protection: Error in the ground connection, connector, cables or very humid or wet vehicle battery.
2. High or low voltage: the supply voltage is too high or too low.
3. Temperature above or below the working limits.
4. High current or short circuit in charging circuit.

In the event of this error, unplug the charger and reconnect it. In case the error persists, contact an authorized electrical installer.