





Portable EV Charger User Manual

DGEVPT01

Current	8-32A
Charging plug	Type I SAE J1772
Power plug	NEMA14-50

Symbol Meaning

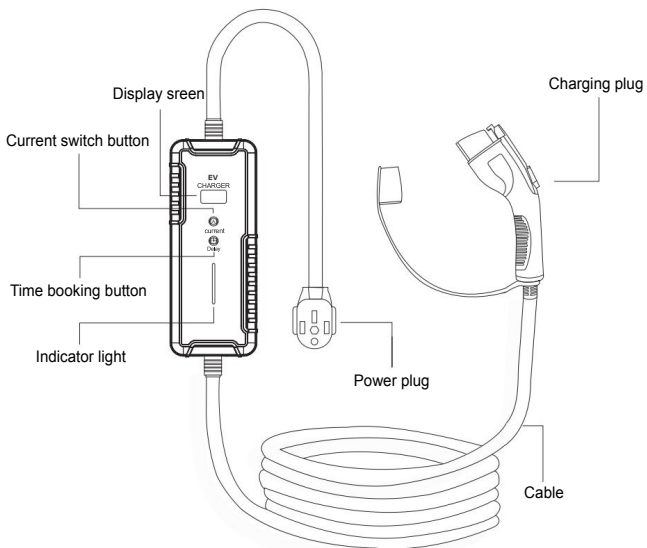
Symbol	Meaning
	<p>"Non-recyclable" mark: located on the product, instruction manual or package, indicating that electrical and electronic equipment and its accessories should be treated separately from ordinary household waste. When scrapped, it should be treated as industrial waste, otherwise it may cause accidents.</p>
	<p>Warning sign: indicates danger. Pay attention to the personal injury that may be caused by operation procedure or incorrect operation. Actions after the "warning" mark can only be performed when the conditions indicated by the condition are fully understood and satisfied.</p>

The company is committed to the continuous improvement and update of the product, product hardware and software will continue to upgrade, the information provided is subject to change without prior notice.

Version:V2.0

Revision date:2023-01

Product Overview



Specifications

Parameter	
Working voltage	AC120-240V(US)
Rated power	0.96-7kW
Frequency	50/60Hz
IP Degree	IP65
Mechanical life	No-load plug in/pull out > 10000 times
Impact of external force	1m drop and 2T vehicle run over pressure
Insulation Resistance	> 100M ohm (DC 500V)
Terminal Temperature Rise	<50K
Use environment	
Working temperature	-22°F — +122°F
Working humidity	5%~95%HR
Cooling method	Natural air cooling
Display function	
Display parameters	Charge voltage, charge current, charged power, SOC, fault code
Physical size	
Control box size	210 L x 85 W x 50 mm H

Control Box Function

- . Leakage protection (restart/recover).
- . Over voltage, under-voltage protection (self-checking recover).
- . Lightning protection.
- . Over current protection.
- . Overheat protection.

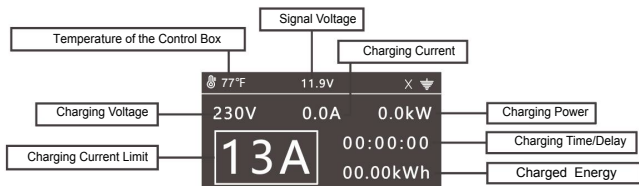
Caution

- . DO not step on the cable, do not pull it, do not fold it up and do not knot it.
- . 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 -22 °F to 122 °F.
- . 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.

Warning

- . 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.
- . This 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 the normal conditions detailed in this manual, away from high temperature, corrosive materials, or ignition sources.
- . DO not contact the metal conductor to prevent electric shock accidents and injuries.
- . Product shell is made of thermoplastic, please do not impact it to avoid reducing performance and safety.

LED Screen Description



When Charging

1. Check the power distribution cable for damage before powering up.
2. Plug the mains plug into the socket.
3. Make sure that the power outlet complies with national standards and that the socket is working and undamaged.
4. Plug the vehicle plug into the vehicle socket
5. Make sure that the vehicle plug is fully inserted until it clicks into place.
6. The charger works automatically - the indicator light will begin blinking blue.
7. For current adjustable models, switch the power and current before plugging the connector into the vehicle socket.

Charging Completed

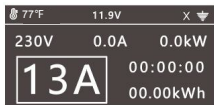
1. Disconnect the power plug.
2. Disconnect the vehicle charging connector.
3. Cover the connector cap onto plug.
4. Insert the charging cable into the carrying case.

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 or is damaged by water.

The Interface Display

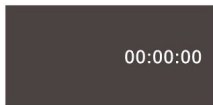


Initial interface



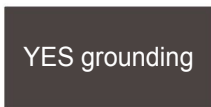
Current

Click to adjust the power
8A/10A/13A/16A/20A/
24A/32A



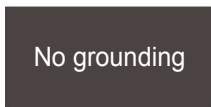
Delay

Click once to add
1 hour Maximum
setting 8 hours



GND

Click to grounding mode
Long press 3sec the
Current button to choose



GND

Click to No grounding mode
Long press 3sec the Delay
button to choose

Indicator light description

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

PLEASE NOTE: Error frequency is 0.5 seconds, pause 2 seconds, continuous loop.

When the red light flickers

1. One times 0.5s on, 0.5s off : CP voltage abnormal
2. Two times 0.5s on, 0.5s off : Input under voltage or abnormal grid frequency
3. Three times 0.5s on, 0.5s off : Input over voltage or abnormal grid frequency
4. Four times 0.5s on, 0.5s off : The charging box is not grounded or poorly grounded
5. Five times 0.5s on, 0.5s off : Over current fault during charging
6. Seven times 0.5s on, 0.5s off : There is a leakage problem during charging
7. Eight times 0.5s on, 0.5s off : Over temperature protection



Manufacturer's 1-Year Limited Warranty

The manufacturer warrants that all parts and components are defect free in materials and workmanship for 1 year. This warranty is valid only in accordance with the conditions set forth below:

1. The warranty extends only to the original consumer purchaser and is not transferable. In addition, proof of purchase must be demonstrated.
2. This limited warranty is the only written or express warranty given by the manufacturer. Any implied warranty of merchantability or fitness for a particular purpose on this product is limited in duration to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.
3. This warranty gives you specific legal rights. You may also have other rights which vary by state

Procedure for Replacement or Return within the 1 Year:

To return the product for replacement or refund within the 1 year, the original purchaser must pack the product securely and send it postage paid with a description of the reason for replacement or refund, proof of purchase, and include your order number on the package, to the following address:

Deco Home
80 Carter Drive
Edison, NJ 08817

Other contact info

Phone: 844-413-2646

Customer Service Email: customerservice@decogear.com