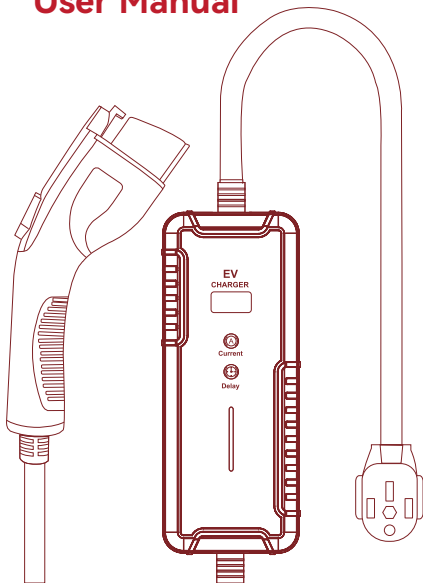




Portable EV Charger

User Manual



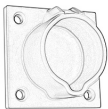
Catalogue

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Storage and Use

- Portable EV Charger must be stored in a clean and dry location and located away from any high heat sources. Operating temperature range: -30°C to 50°C .
- Avoid oily or corrosive substances from contacting the control box, the cable and plugs/connectors during use.
- Avoid any fall or drop that causes impacts to the control box.
- Do not forcefully pull the charge cable or damage it with sharp objects. Do not store the EV charger in the place where rodents can enter.

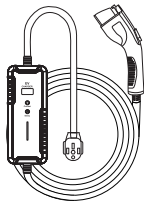
Box contents



1*Charger Holder



1* Carry Bag



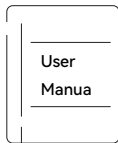
1*Portable EV Charger



1*Nema Adapter

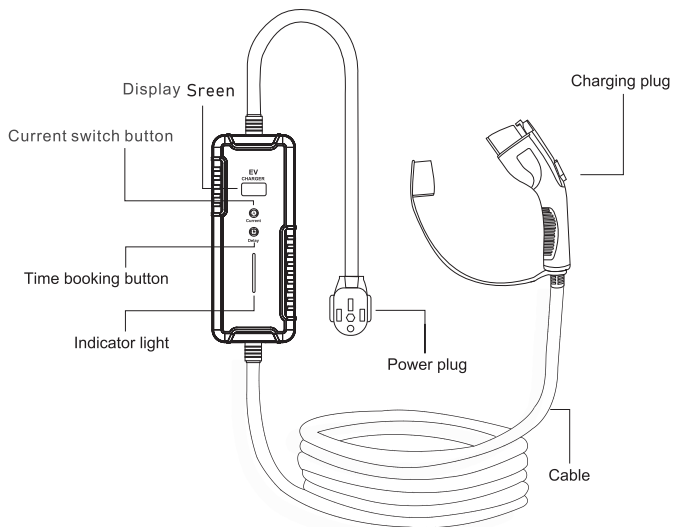


1*Wiping Towel



1*User Manual

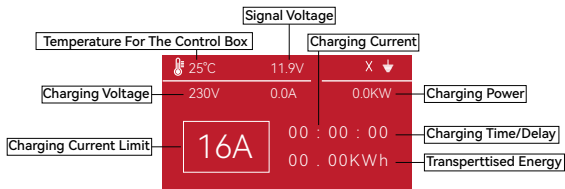
Part Names



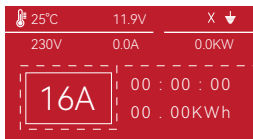
* Power plug and charging plug refer to choice on front page

Appearance of portable AC charger

Led Screen Description



The Interface Display



Current

Click to adjust the power
(6A/8A/10A/13A/16A/20A
/24A/32A/40A)

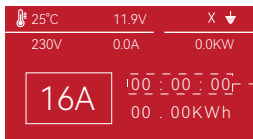


Current

YES grounding

GND

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



Delay

Click once to add 1 hour
Maximum setting 8 hours



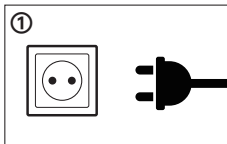
Delay

No grounding

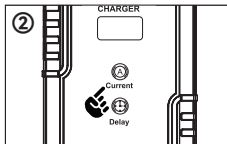
GND

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

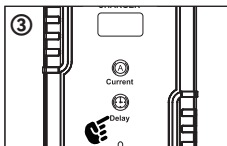
Steps to Use



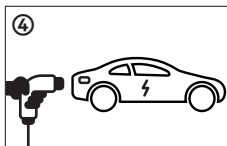
Connect the power plug into the socket on the wall.



Set your desired charging current




Preset charging start time (delayed charging)



Connect the charging plug to the car charging port

Attention:

-  Preset the charging current and time before connecting the car, as the current cannot be changed during charging.

Control Box Function

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

Basic Parameters

Parameter	
Working voltage	AC 100-240V
Rated current	40A
Frequency	50/60Hz
IP Degree	IP65
Mechanical life	plug in & pull out > 10000 times
Impact of external force	1m drop and 2T vehicle run over pressure
Insulation Resistance	>100M ohm(DC500)
Terminal Temperature Rise	<50K
Use environment	
Working temperature	-30°C~+50°C
Working humidity	5%~95%HR
The cooling way	Natural air cooling
Display function	
Display parameters	Charge voltage, charge current, charged power, SOC, fault code
Physical size	
Control box size	L210xW85xH50(mm)

Status LED Meaning

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	/	/

Remarks: Error Frequency is 0.5S, pause 2S, continuous loop.

Troubleshooting

Communication Error

1. Unplug the power plug from the socket on the wall.
2. Unplug the charging plug from the vehicle.
3. Plug them again and check whether the problem still occurs or not.
4. If the problem still occurs, please contact the customer service for help.

Under-Voltage Protection/Over-Voltage Protection

The voltage is not stable, which triggers low/high voltage protection of the product. Please wait for a while until it works normally.

Ground Fault

There is no ground wire in your place. Please long press the delay button for 3s to switch to No Grounding mode.

Over Current Protection

The current is not stable, which triggers high current protection of the product. Please wait for a while until it works normally.

Leakage Protection

1. Cut off the electricity immediately.
2. Unplug the power plug from the socket on the wall.
3. Unplug the charging plug from the vehicle.
4. Contact the customer service for help.



Over-Temperature Protection

The temperature of the control box is too high, you can unplug the charging cable until the control box cool down, or the control box will automatically switch the charging power to a lower level, which can protect the control box from overheat. If the temperature remains high when the charging power is at its lowest level, the charging process will be automatically terminated for safety. you can reconnect the power plug to restart charging your car once the control box cool down completely.

Warning

- For use with EV charging only.
- DO not insert any fingers into the charging plug.
- 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.
- 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.
- 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). 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 product must be grounded.
- Use only on the mains with fault current circuit breaker.
- DO not use this product if the EV charging cable is damaged.
- 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.

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 the 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.

Version: V2.0

Revision Date: 2023-07



Scanning for :
Warranty Registration



Scanning for further information
Contact Email: **info@mcevkeln.com**
Official Website: **www.mcevkeln.com**