

EVSE-AC-P Manual



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Product Specification

Electrical Specification	
Power Supply	Single Phase (1P+N+PE)
Rated Voltage	230Vac \pm 15%
Rated Current	10A (EVSE-AC-P-2kW)
Rated Power	2kW (EVSE-AC-P-2kW)
Frequency	50Hz

User Interface	
Charger Connector (wall side)	Type I 10A (EVSE-AC-P-2kW)
Charger Connector (car side)	Type 1 / Type 2
Colour	Black
Indicator Light	LED

Environmental Specification	
Operating Temperature	-25°C ~+50°C
Relative Humidity	5%~95% non-condensing

Physical Characteristics	
Dimensions	235*99*52mm
Cable Length	5m

Safety	
Ingress Protection	IP65
Certification Standard	IEC 61851-21-2 IEC 62752:2024 IEC 60529:1989+A1:1999+A2:2013 IEC 61851-1
RCD Protection	Type A + RCD-DD (6mA DC) IEC 62955 2018
Other Protections	Over-voltage protection Under-voltage protection Lightning protection Over-current protection Leakage protection Over-temperature protection

Product Description

EVSE-AC-P-2kW



1. Display
2. LED Indicator
3. Touch button
4. Charger Cable and Plug
(Type 1 or Type 2)
5. Power Plug (Type I 10A)

Protection Functions

Protection Function	Description
Overvoltage Protection	Activates when the supply voltage exceeds 288V; resets when voltage drops below 283V.
Undervoltage Protection	Activates when voltage falls below 88V; resets when voltage rises above 93V.
Overcurrent Protection	Activates when current exceeds the target current by 2A; resets when it drops to the target current plus 1A.
Leakage Protection	Activates with a leakage current of 25 mA within 0.2 seconds.
Grounding Protection	Automatically detects the grounding status; can be configured to prevent charging if not grounded.
Over-Temperature Protection	<p>Level 1: Activates when temperature exceeds 75°C; limits maximum current to 16A and resets when temperature falls below 75°C.</p> <p>Level 2: Activates when temperature exceeds 80°C; limits maximum current to 10A; reverts to Level 1 when temperature falls below 80°C.</p> <p>Level 3: Activates when temperature exceeds 85°C; stops charging and resumes only when the temperature falls below 80°C, reverting to Level 1.</p>

Button Functions

Adjust Current

- **Step 1:** Long press to access the settings.
- **Step 2:** Short press to select the **POWER** option.
- **Step 3:** Long press to enter the current adjustment interface.
- **Step 4:** Short press to adjust the current value.
- **Step 5:** Long press or wait 10 seconds without action to exit the settings.

Delayed Charging

- **Step 1:** Long press to access the settings.
- **Step 2:** Short press to select the **TIME** option.
- **Step 3:** Long press to enter the delayed charging interface.
- **Step 4:** Short press to set the delay time (selectable from 0 to 10 hours, where 0 means immediate charging).
- **Step 5:** Long press or wait 10 seconds without action to exit the settings mode.

LED Indicator Descriptions

LED Status	Description
Green	Idle
Blue	Plugged in but not charging
Blue Flashing	Charging in progress
Purple	Charging complete
Red	Faulty

Screen Fault Codes

Fault Code	Description
E01	CP Line Abnormal
E02	Relay Sticking
E03	Output Abnormal
E04	Metering Fault
E05	Leakage Protection
E06	Overvoltage Protection
E07	Undervoltage Protection
E08	Overcurrent Protection
E09	AC Frequency Abnormal
E10	Grounding Error
E11	Over-temperature (Level 3)

Warranty Terms

Korora Technologies Ltd offers a one-year warranty on all EVSE series products, effective from the purchase date. This warranty guarantees that the product will be free from defects in materials and functionality.

If a defect arises within the warranty period, Korora Tech may repair or replace the product at its discretion. Replacement parts or the product itself may be new or reconditioned.

This warranty does not cover issues caused by improper installation, misuse, accidents, external electrical faults, disasters, abuse, or unauthorized modifications. It applies only to factory parts; labour costs for field service, removal, or installation are excluded.

Korora Tech's liability is limited to the product's purchase price. Under no circumstances will we be liable for any direct, indirect, incidental, or consequential damages, including lost profits or other special losses, regardless of the cause.

Troubleshooting

If you encounter any issues or need support, please contact us and our team will assist you as quickly as possible.

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