

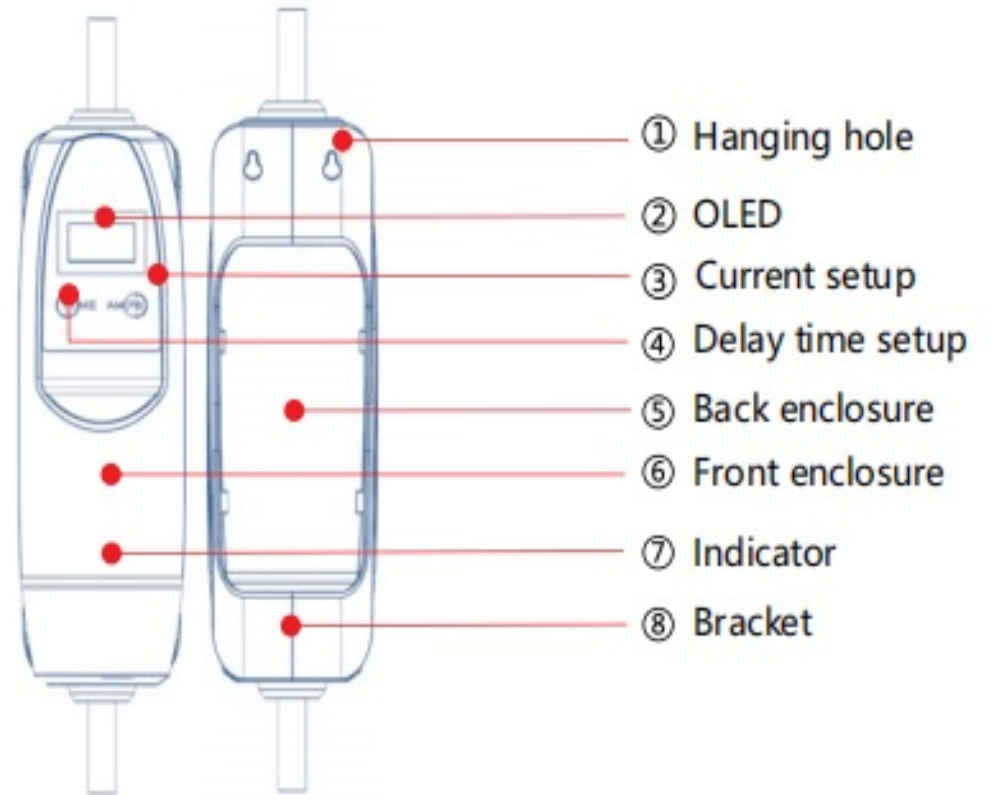
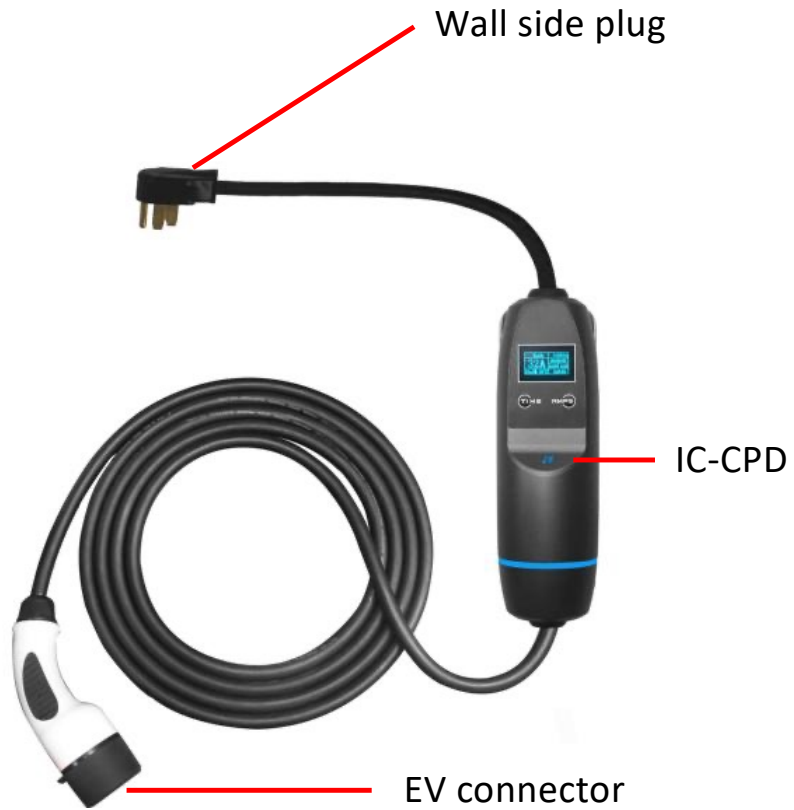
Corded Mobile Charger Connector

Instruction Manual

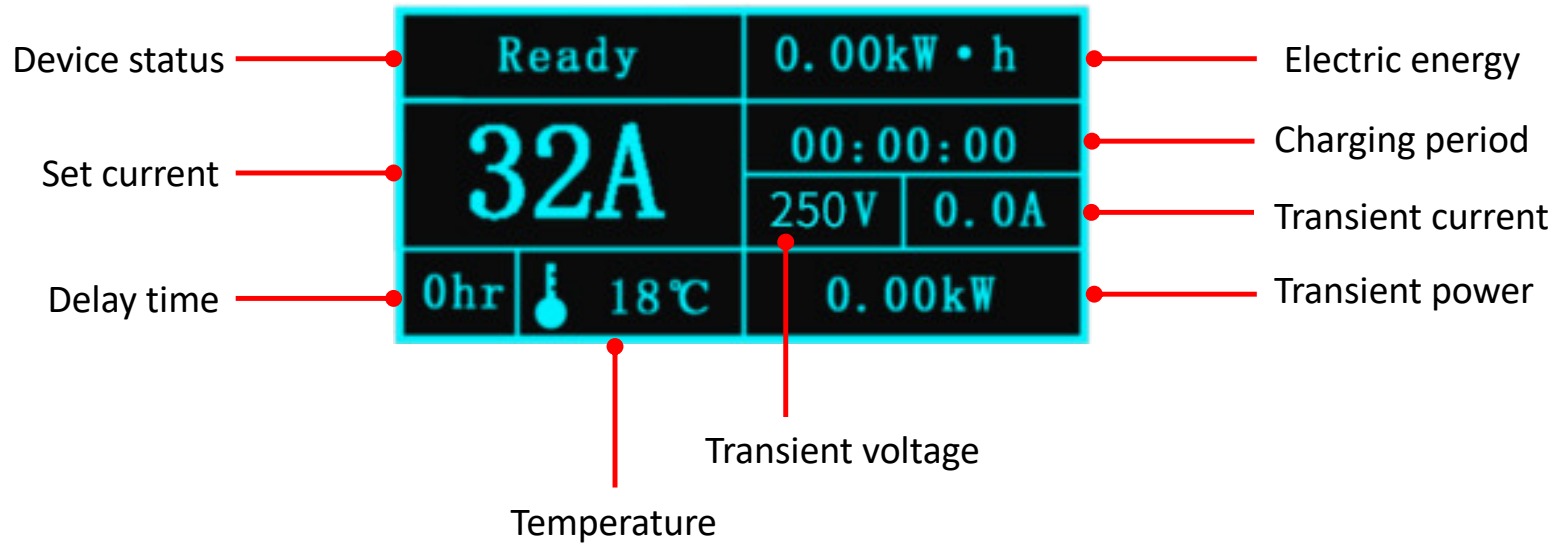


Type2 single phase 32A with
NEMA14-50 plug

Appearance



Display interface



Device status	Indicator/color	Description
Ready	Always blue	The wall side plug is plugged into the power supply but the EV connector is disconnected.
Connect	Blink blue	The wall side plug is plugged into the power supply and the EV connector is connected.
Charge	Cycle blink blue	The device is charging.

Charging Instruction

Step 1:

insert the wall side plug to electrical outlet



Step 2:

Press the "APMS" button to set charging current



Step 3:

Press the "TIME" button to set charging start time if needed



Step 4:

Plug EV connector into the socket



Step 5:

Check the device is under normal working status: the ring light should be flashing



Note:

- 1) OLED will turn off automatically when device is not operated for 2 minutes
- 2) The gears of charging current is cyclic
- 3) Default delay time is zero. The maximum delay time is 9 hours.
- 4) Default charging current is the minimum current

Trouble Shooting

When the IC-CPD work incorrectly, the corresponding parameters (Device Status, Transient Voltage, Temperature) on the interface of OLED will blink as warning message. Refer below table for details.

Parameters	Description	Solution
Status	Input voltage phase deviation exceeds 20 degrees Celsius, or power phase error.	Check the wiring of power supply
Temperature	The temperature of device is beyond 70 degrees Celsius but less than 80 degree Celsius	Check ambient temperature
Voltage	Input voltage of the device beyond the upper voltage limit 265Va.c. for signal phase systems or 450Va.c. for three-phase systems	Close the power supply and check distribution grid
	Input voltage of the device is less than the power voltage limit 85Va.c. for single-phase systems for 150Va.c. for three-phase systems	Close the power supply and check distribution grid

Trouble Shooting

The error message will appear on the OLED when IC-CPD failed.

Error Message	Description	Solution
Over temper!!!	The temperature of the device beyond the upper temperature limits 80°C.	Close power supply and contact the manufacturer or agent.
Power leak!!!	The leak current of the device beyond the special limits.	
Unknown board!!!!	Original board is not used.	
	The cables of the device was broken, or the cables can't match the device.	
Unknown cable!!!	The hardware of the device was broken.	
Hardware error!!!	Output current of the device beyond the 1.3 time rated current.	Close power supply and check electric vehicle.
No ground!!!	The device was not grounded.	Close power supply and check the distribution grid.

Data Sheet

Phase	Single phase
Input/output voltage	110~250Va.c.
Frequency	50Hz/60Hz
Max. current	32A
EV connector	Type 2
RCD	Type A
IP degree	IP65
Operating temperature	-25°C~+50°C
Relative humidity	5%RH~95%RH
Altitude	<2000m
Static power	<2W
Dimension	278mm(L)x81 mm(D)
Standards	IEC/EN 62752