SOL
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22KW AC CHARGER MANUAL



Applicable Scenes

They are suitable for occasions such as private villas, residential areas,

commercial office buildings, urban complex parking lots or urban public charging stations that can charge slowly for a long time; or applied for 4S stores of new energy vehicles, workshop debugging areas, road rescue of new energy vehicles and other occasions that require frequent change of charging station sites or temporary power supply.

Features

- Convenient installation: Ground mounted;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 7'' color touch screen(Optional);
- Support OCPP1.6J/Ethernet/3G/4G/WIFI/Bluetooth telecommunication (optional);
- Support Swipe card/ Scan QR code/input password to charge (optional);
- Support IEC62196-2 Type-2 connector/socket (optional);
- Overload integrated Protection;
- Support online data upgrade.
- Metal shell (The appearance images are for reference only. Our company will provide customized appearance designs, subject to confirmation with the client.)

Size & Length

Cabinet size(L*W*H)(mm)	Cabinet weight(kg)	Wooden box packing size(L*W*H)(mm)	Gross packing weight(kg)	Cable length(m)
340*201*1500	67.5KG	550*350*1665 (Single Package)	stimated 87.5KG	

Technical Data

S. NO.	Parameters	Requirements
General Requirements		
1	Charger Capacity	22KW
2	Model No.	ENC-ACL022B
Input Requirements		
3	AC Supply System	Three-Phase, 5 Wire AC system
4	Nominal Input voltage	AC380V±15%(ENC)
5	Input frequency	50/60±3Hz
Environmental Requirements		
6	Ambient Temperature Range	-25 to 55°C
7	Ambient Humidity	5 to 95%
8	Storage temperature	-40 to 70°C
Mechanical Requirements		
9	IP Ratings	IP 54
10	Cooling	Air-cooled
Output Requirements		
11	Number of outputs	2
12	Type of each output	AC380V±15%(ENC)
13	Output Current	Max.16 Amp
14	Output Connector Compatibility	IEC 62196 2017, IEC 61851 2017, SAE J1772, etc.
15	Connector Mounting	Indoor use
User Interface & Display Requirements		
16	Emergency stop switch	Support
17	Display	7”touch screen (Optional)
18	User Authentication	QR Code/RFID Card/ Password(Optional)
19	Metering Information	Consumption Units
Communication Requirements		
20	Communication between EVSE and Central Server	OCPP 1.6J, 2.1 protocol
21	Metering	Grid responsive metering as per units’ consumption of each vehicle
22	Interface between charger and CMS	Ethernet/3G/4G/WIFI (Optional)
Protection & Safety Requirements		
23	Safety Parameters	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature, etc.