

50KW DC Charger SPECIFICATIONS

High efficiency, reliable and stable performance



Applicable Scenes

They are suitable for occasions such as city special charging stations that provide charging for buses, taxis, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuters, bus; intercity highway charging stations and other occasions that need special DC fast charging.

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 CCS-1 connector/socket (optional);
- Overload integrated Protection;
- Support online data upgrade.

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)
720*460*2000mm		1020*760*2300mm		5

Technical Data

S. NO.	Parameters	Requirements
General Requirements		
1	Charger Capacity	50KW
2	Model No.	ANSI-DCL050A / ANSI-DCL060B
Input Requirements		
3	AC Supply System	Three-Phase, 5 Wire AC system(ANSI)
4	Nominal Input voltage	AC480V±15%(ANSI)
5	Input frequency	45-65Hz
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	1 or 2
12	Type of each output	DC200-750V
13	Output Current	Max.200 Amp
14	Output Connector Compatibility	SAE J1772
15	Power Factor	≥0.99(50% load above)
User Interface & Display Requirements		
16	Emergency stop switch	Support
17	Display	12.1 Inches Touch Screen with Shell
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 Protocol (Optional)
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.