

DC FAST EV CHARGER

Feature and Benefits

- Simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 7inch color touch screen;
- Support multiple modes of charging, operation management and payment
- Support 3G/4G,, Ethernet or wireless telecommunication;
- Support RFID Card/OCPP 1.6J (optional);
- Support GBT/CCS-2/CCS-1/CHAdEMO connector(or Socket)(optional);
- Overload integrated Protection ,EMI,EMC Compliance;
- Support online data upgrade.



TUV*
CERTIFIED

Typical Application

- Suitable for Buses, Taxi, Private & Commercial Vehicles.
- Suitable for Electrical Vehicle Charging Systems.
- Suitable for Private cars, commuters, bus, intercity highway charging stations.
- Suitable for occasions that need special DC fast charging .
- EV Charging Station facility.

Design: mounted on footprint

Size & Weight

Cabinet size(L*W*H)(mm)	Cabinet weight(kg)	Wooden box packing size(L*W*H)(mm)	Gross packing weight(kg)	Cable length(m)
700*450*1680	390	1050*685*1850	410	5

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Technical Details

S. NO.	Parameters	Requirements
General Requirements		
1	Charger Capacity	180 KW
2	Model No.	ES-AF14-3
Input Requirements		
3	AC Supply System	270A Three-Phase, 5 Wire AC System (3P+N+PE)
4	Nominal Input voltage	Three-Phase AC 440 Volt
5	Input frequency	50Hz For India , Optional for others
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 /Dual Gun /CCS-2 Type
12	Type of each output	DC 200-1000V
13	Output Current	Max. 240A @750V
14	Output Connector Compatibility	EMI, EMC Compliance, IEC 61851 2017, SAE J1772
15	Power Factor	≥0.99 (50% load above)
User Interface & Display Requirements		
16	Emergency stop switch	Support
17	Display	7 Inches Touch Screen with Shell
18	User Authentication	Mobile Application or User Interface /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, I _k 1Q etc.

