

Charger

40KW-DC

FAST CHARGER STATION



Features

- Built-in safety measures.
- User friendly interface.
- Flexible multi-protocol design.
- GB/T and CCS protocol compatible.
- OCPP 1.6.
- Durable enclosure.
- Wide temperature range: -25°C to 65°C.
- Data management and metering options.

Applications

- Service station operators.
- Public corridor charging along the highways.
- Busy urban areas.
- Commercial fleet operators.
- EV Infrastructure operators and EVSE providers.

Safe, Fast and Reliable

Master Power 40 kW DC Quick charging station offers Electric Vehicle owners an opportunity to charge their car safely and quickly.

A typical electric car with 24 kWh battery pack may be charged as quickly as less than 35 minutes to get up to 80% of its capacity.

Master Power combines industry standardization with advanced charging technology to support next-generation electric vehicles.

Its multi-protocol design allows for easy tailoring to support GB/T and CCS standards for DC fast charging applications.

Payment & billing platform solutions enable easy and secure payments via station payment terminals and RFID card.

Technical Specifications

System		Input	
Type	Single DC Fast - Charging Station	AC Power Connection	3P + PE
Operating Temperature	-25°C to 65°C	Input Voltage Range	305 - 520 Vac
Storage Temperature	-40°C to 70°C	Frequency	40 - 65 Hz
Relative Humidity	20% to 95%	Power Factor	0.99
Environment	Indoor / Outdoor	Current THD	≤ 5%
		Input Under-Voltage Protection	Yes
General		Output	
Dimensions, DxWxH (cm)	Charge station 60x74x173 (Cabinet)	Output Voltage	50 - 500 Vdc
Weight (kg)	Charge station ≤ 300	Output Current	80 A
Protection Degree	IP54	Output Power	40 kW
Cooling	Forced air	Output Over-Current Protection	Yes
Parallel modules No.	≤ 64	Output Short-Circuit Protection	Yes



1. Plug
2. Latch (For locking)
3. LED lamp
4. Release Button
5. Cable Rubber sheath
6. Connector main body
7. Grid Integrated with main body

Specification

Item	CHAdeMO	CCS	GB/T
Rated Voltage	500 Vdc	200 - 850 Vdc	400 - 750 Vdc
Rated Current	125 A	200 A	63 A - 250 A

