

EPCP-DC120/180/240/300/360

120kW-360kW DC FAST EV CHARGER



Specifications

120kW-360kW DC FAST EV CHARGER

Product Name	120kW-360kW DC FAST EV CHARGER				
Input Power Supply	3P5W system (L1, L2, L3, N, PE), 50/60Hz				
Input Voltage	400±10%Vac				
Rated Power	120kW	180kW	240kW	300kW	360kW
Charging Connector	Dual CCS2 Interface				
Output Current Range	200-1000 Vdc				
Maximum Output Current	Single Gun: 250A (Below 480V) Dual Gun: 2×200A (Below 300V)	Single Gun: 250A (Below 720V) Dual Gun: 2×250A (Below 360V)	Single Gun: 250A (Below 960V) Dual Gun: 2×250A (Below 480V, Optional 375A)	Single Gun: 375A (Below 800V) Dual Gun: 2×375A (Below 400V)	Single Gun: 375A (Below 960V) Dual Gun: 2×375A (Below 480V)
Rated Input Current	185A	277A	369A	461A	553A
Power Cable Specification (mm ²)	3×95+2×50	3×150+2×70	3×185+2×95	3×240+2×150	3×300+2×150
Power Factor	≥0.99				
Peak Efficiency	≥96%				
Display Screen	10.1-inch Touch Screen				
Charging Mode	RFID, NFC, QR Code				
Connection Method	4G Network, Ethernet				
Status Indicator Light	Green (Power), Red (Charging), Yellow (Fault)				
Operating Platform	OCPP 1.6J				
Protection Function	Overvoltage Protection, Undervoltage Protection, Overcurrent Protection, Overtemperature Protection, Short Circuit Protection, Surge Protection, Grounding Protection, Emergency Stop				
Charging Protocol	DIN 70121 / ISO 15118				
Certifications	IEC61851-1/-23/-24, IEC61000-6-2/-4, IEC62311, RED				
Cable Length	Standard 5-meter Cable (Other lengths available)	Standard 5-meter Cable (Other lengths available)	7-meter Cable	7-meter Cable	7-meter Cable
Dimensions	800×800×1900 mm Optional Cable Management Device: 1000×280×250 mm				
Ingress Protection	IP55				
Operating Temperature	-30C~+55°C				
Installation Method	Floor-mounted				
Optional Configuration	Optional Cable Management Device				

ADVANTAGES OF HIGH-POWER CHARGERS



LOW-TEMPERATURE OPERATION (-30°C)

Stable charging capability in extreme cold below -30°C



HIGH INTENSITY

High-intensity charging capacity: 5,000 kWh/day for 20 hours per single charger
Annual high-intensity capacity: Over 1 million kWh with 7,000 hours operation per single charger



ROBUST OPERATION

Ensures reliable and continuous performance in even the most demanding environments.



HIGH-TEMPERATURE OPERATION (+60°C)

Stable charging capability in extreme heat above +60°C



HIGH ANTI-CORROSION LEVEL

Stable charging capability in coastal high-salt-fog environments

APPLICATION SCENARIOS



ELECTRIC VEHICLE



INDUSTRIAL EQUIPMENT



HEAVY DUTY TRUCK