

EPCP-DC120/180/240/300/360

120 kW-360 kW DC FAST EV CHARGER

NEW



Advantages



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

EPCP-DC Series

120 kW-360 kW DC FAST EV CHARGER

Product Name	120kW-360kW DC FAST EV CHARGER				
Input Power Supply	3P5W system (L1, L2, L3, N, PE), 50/60 Hz				
Input Voltage	400±10%VAc				
Rated Power	120 kW	180 kW	240 kW	300 kW	360 kW
Charging Connector	Dual CCS2 Interface				
Output Current Range	200 - 1,000 Vdc				
Maximum Output Current	Single Gun: 250 A (Below 720 V) Dual Gun: 2x250 A (Below 360 V)	Single Gun: 250 A (Below 720 V) Dual Gun: 2x250 A (Below 360 V)	Single Gun: 250 A (Below 960 V) Dual Gun: 2x250 A (Below 480 V, Optional 375 A)	Single Gun: 375 A (Below 960 V) Dual Gun: 2x375 A (Below 480 V)	Single Gun: 375 A (Below 960 V) Dual Gun: 2x375 A (Below 480 V)
Rated Input Current	185 A	277 A	369 A	461 A	553 A
Power Cable Specification (mm ²)	3×95+2×50				
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	CB, CE, PTB				
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	800×800×1,900 mm Optional Cable Management Device: 1,000 × 280 × 250 mm				
Ingress Protection	IP55				
Operating Temperature	-30 °C - +55 °C				
Installation Method	Floor-mounted				
Optional Configuration	Optional Cable Management Device				

*Specifications may be changed without prior notice due to continuous product improvement.

Scenarios



ELECTRIC VEHICLE



INDUSTRIAL EQUIPMENT



HEAVY DUTY TRUCK