

**120KW DC Fast EV Charging Station**

**Features**

1. Meeting multi-charging standards: CCS1, CCS2, GB/T
2. Supporting OCPP1.6 and above for smart charging
3. Low standby power consumption.
4. IP54 protection suitable for indoor/outdoor application
5. RFID authorization: ISO14443A, MIFARE DESFire Ev1
6. Payment Option includes Credit Card, NFC, Smart-phone APP with Back-end
8. IEC61851-1:2010 / IEC61851-23:2014 compliance
9. EV Compliance DIN 70121 / ISO 15118.

This 120KW DC EV fast charging Station is with 360 ~ 440VAC 3Phase input and 200 ~ 100Vdc 175A output. The EV DC charging station has high power factor up to 0.98 and efficiency up to 95%. It's designed and manufactured according to the safety standards of IEC61851-1:2010 / IEC61851-23:2014. The charger supports Combo CCS 2 and open communication protocol OCPP 1.6 and above. It uses 7 inch LCD Touch screen easy for operating. It's suitable for the application in EV charging stations, commercial parking lot, tourist transportation hub and so on.

**Specifications**

Input power connection	3 Ph + N + PE (L1, L2, L3, N, PE)
AC input voltage	400VAC ±10
AC input frequency	50/60Hz
Power factor	0.98 (Typical at full load)
Efficiency	95% (full load)
Rated power	120KW
Rated input current	175A
Maximum output current	200A
Output voltage	200 ~ 1000VDC
Cable length	Nominal 5 Meters
HMI	7 inch LCD Touch screen
Signal indicator	Green (power), Red (charging), Orange (fault)
Connector standard	EN61851-23:2014 & EN 61851-1:2010, IEC61851-1:2017
EMC standards	IEC61851-21-2: 2018
EV Compliance	DIN 70121 / ISO 15118
Back-end Communication protocol	OCPP 1.6
RFID system	ISO 14443A, MIFARE DESFire Ev1
Internet connection	4G / Ethernet
Certification	CE
Dimensions	750 x 750x 1800mm (W*D*H)
Weight	300Kgs