

DC QUICKAR EVDC-120kW/180kW



FEATURES

- 120/180 kW continuous fast charging
- Robust, all-weather enclosure for indoor and outdoor use: IP54
- Easy to install and use
- Max. 200 A high output current
- Two outlet: CCS or CHAdeMO
- Daylight readable 7"full color touch screen display
- RFID reader
- Friendly human machine interface
- Future proof connectivity:
 - OCPP
 - Capability for remote services
- Future proof due to DC output voltage range from 200 to 1000 VDC supporting most kinds of electric vehicles.
- Modular architecture
- EV standards: IEC 62196, IEC 61851, JEVS G105

The EAST **DC QUICKAR EVDC-120kW/180kW** is two fast charger. It can deploy charging network rapidly and effectively, providing high-power quick charging service for electric vehicles. It has a durable, robust, all-weather enclosure for indoor and outdoor use and support CCS or CHAdeMO standards.

This all-in-one DC charger consists of billing control unit, charging control unit, charging module and input / output power distribution unit. It is applicable for expressway, urban public parking station, bus station and enterprises' parking lot.

TECHNICAL DATA

MODEL	EVDC-120kW		EVDC-180kW	
INPUT				
Input voltage	260 ~ 475 Vac (three-phase five-wire)			
Input current	< 240 A		< 360 A	
Frequency	40 ~ 70 Hz			
Efficiency	95%			
Power factor	≥ 0.98			
Over half load THD	≤ 5%			
OUTPUT				
Output voltage	200 ~ 1000 V			
Output current (max.)	200 A			
Soft-start time	3 ~ 8 s			
Regulated accuracy	± 0.5%			
Stabilized current precision	± 1 A (0 ~ 50 A), ± 2% (> 50 A)			
Noise	< 65 dB			
CHARGING CONFIGURATION AND STANDARD				
Number of charging plugs	2			
Charging cable length	5 m			
Charging protocols	CCS or CHAdeMO			
Standards	IEC 62196, IEC 61851, EVS G105			
OTHERS				
Operating temperature	-20℃ ~ +50℃			
Storage temperature	-40℃ ~ +80℃			
Relative humidity	≤ 95%			
Atmospheric pressure	70 ~ 106 kPa			
IP rating	IP 54			
Dimensions (W×D×H) (mm)	600×800×1800			
Packaged dimensions (W×D×H) (mm)	900×1000×2100			
Weight (kg)	≤ 300			

• All specifications are subject to change without notice.