

DC QUICKAR EVDC-40KW/60KW/80KW/90KW



FEATURES

- 40 kW/60 kW/80 kW/90 kW continuous fast charging
- Robust, all-weather enclosure for indoor and outdoor use: IP54
- Easy to install and use
- Max. 100/200 A high output current
- Single 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-40kW/60kW80kW/90kW** is an all in one 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-40kW	EVDC-80kW	EVDC-60kW	EVDC-90kW
INPUT				
Input voltage	260 ~ 475 Vac (three-phase five-wire)			
Input current	< 60 A	< 180 A	< 120 A	< 180 A
Frequency	40~70 Hz			
Efficiency	95%			
Power factor	≥ 0.98			
Over half load Current THD	≤ 5%			
OUTPUT				
Output voltage	200 ~ 1000 V			
Output current (max.)	150 A	200 A		
Soft-start time	3 ~ 8 s			
Regulated accuracy	± 0.5%			
Stabilized current precision	±1 A (0 ~ 50A), ±1% (> 50A)			
Noise	< 65 dB			
CHARGING CONFIGURATION AND STANDARD				
Number of charging plugs	1 (standard), 2 (optional)			
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)	550×450×1800			
Packaged dimensions (W×D×H) (mm)	895×555×1930			
Weight (kg)	≤ 150			

• All specifications are subject to change without notice.