

320-480 kW EVDC Fast Charger

Safe and Reliable

- Over 54 multi-dimensional safety protection
- Ensure safe and intelligent charging
- Intelligent O&M, online OTA upgrade

Ultimate Experience

- 200 V to 1000 V wide voltage range
- Universal application with high flexibility

High Efficiency

- High conversion efficiency
- Low standby power
- Dynamically allocate power granularity

High ROI

- Pre-installation, easy to transport and maintain
- Distribute power via auto dynamic load management
- High power efficiency and heat dissipation performance



Specification

Category	Item	EVDC-320/360/400/480kW-10YHW			
Input	Voltage	400 V ±10%			
	Current	644 A	724 A	805 A	966 A
	Frequency	50/60 Hz			
	Power Factor	≥ 0.99			
	THDi	< 5%			
Output	Power	320 kW	360 kW	400 kW	480 kW
	Voltage	200 V to 1000 V			
	Constant Power Voltage range	300 V to 1000 V			
	Max Current	250 A	250 A / 300 A	300 A / 400 A	400 A
	Outlet	GB/T; CSS2			
	Peak Efficiency	≥ 96%			
	Voltage Regulation Accuracy	≤ ±0.5%			
	Current Regulation Accuracy	≤ ±1%			
	Peak Ripple Coefficient	≤ 0.5%			
	Noise Level	< 65 dB			
Charging Configuration	Number of Connectors	2			
	Cable Length	7 m standard (custom lengths available)			
	Activation Methods	QR Code Scan, RFID Card, VIN Authentication			
	Power Allocation	Dynamic Power Sharing			
	User Interface	7-inch HD Touch Display			
	BMS Auxiliary Power	Standard 12 V (12 V / 24 V optional)			
	Communication	RJ45 Ethernet, 4G LTE			
Environmental Specifications	Operating Temperature	-25 °C to +55 °C			
	Storage Temperature	-40 °C to +80 °C			
	Relative Humidity	≤ 95% (non-condensing)			
	Maximum Altitude	≤ 4000 m (Derating required above 2000 m)			
Physical Specifications	Main Unit Dimensions (W × D × H)	800 × 730 × 1950 mm			
	Cooling System	Forced Air Cooling			
	Safety Protection	IP54			