

# DC EVDC

## 120/180 kW

### EV CHARGER

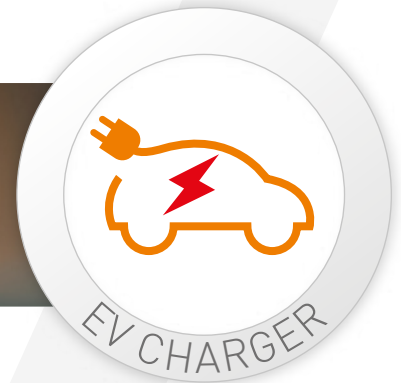
The DC EVDC - 120/180 kW is two fast charger. It can deploy charging network rapidly and effectively providing high-power quick charging service for electric vehicles. It has a durable, robust, all-weather enclosure for indoor and outdoor use and support CCS or CHAdeMO standards.

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.



#### 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



POWER  
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MAKELSAN®  
Uninterruptible Power Supplies

MODEL	120kW	180kW
<b>INPUT</b>		
Input Voltage	260 ~ 475 VAC ± 10% (Three-Phase Five-Wire)	
Input Current	< 240 A	< 360 A
Input Frequency	40~70 Hz	
Efficiency	95%	
Power Factor	≥ 0.98	
Over Half Load Current THD	≥ 5%	
<b>OUTPUT</b>		
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	
<b>CHARGING CONFIGURATION AND STANDARD</b>		
Number of Charging Plugs	2	
Charging Cable Length	5 m	
Charging Protocols	CCS or CHAdeMO	
Standards	IEC 62196, IEC 61851, JEVS G105	
<b>OTHERS</b>		
Operating Temperature	-20°C ~ +50°C	
Storage Temperature	-40°C ~ +80°C	
Relative Humidity	≤ 95%	
Atmospheric Pressure	70 ~ 106 kPa	
IP Rating	IP 54	
<b>DIMENSIONS &amp; WEIGHT</b>		
Dimensions WxDxH (mm)	600 x 800 x 1800	
Packaged Dimensions WxDxH (mm)	900 x 1000 x 2100	
Weight (kg)	≤ 300	

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