

DC EVDC

40/60/80/90 kW

EV CHARGER

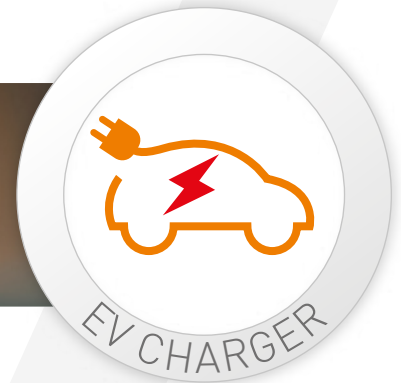
The DC EVDC - 40/60/80/90 kW is an all in one fast charger. It can deploy charging network rapidly and effectively providing high-power quick charging service for electric vehicles. It has a durable, robust, all-weather enclosure for indoor and outdoor use and support CCS or CHAdeMO standards.

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.



FEATURES

- 40/60/80/90 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



POWER
FORLIFE

Aytemiz
MAKELSAN®
Uninterruptible Power Supplies

MODEL	40kW	80kW	60kW	90kW
INPUT				
Input Voltage	260 ~ 475 VAC ± 10% (Three-Phase Five-Wire)			
Input Current	< 60 A	< 180 A	< 120 A	< 180 A
Input 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 ~ 50 A), ± 1% (>50 A)			
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, JEVS G105			
OTHERS				
Operating Temperature	-20°C ~ +50°C			
Storage Temperature	-40°C ~ +80°C			
Relative Humidity	≤ 95%			
Atmospheric Pressure	70 ~ 106 kPa			
IP Rating	IP 54			
DIMENSIONS & WEIGHT				
Dimensions WxDxH (mm)	550 x 450 x 1800			
Packaged Dimensions WxDxH (mm)	895 x 555 x 1930			
Weight (kg)	≤ 150			

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