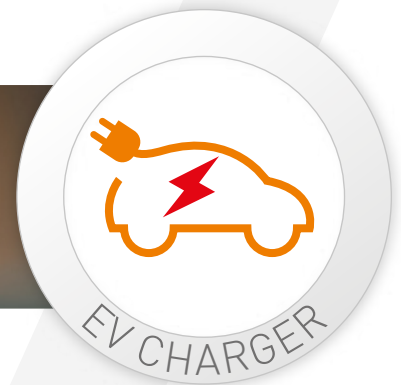# DC WALL EVDC
20/30 kW
EV CHARGER

The DC WALL EVDC is a compact 20/30 kW DC 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 DC charger consists of billing control unit, charging control unit, charging module and input/output power distribution unit. It is applicable to public parking station and enterprises parking lot.

FEATURES

- Compact and contemporary design
- 20/30 kW continuous fast charging
- Robust, all-weather enclosure for indoor and outdoor use: IP54
- Easy to install and use
- 100A high output current
- Single outlet: CCS or CHAdeMO
- Daylight readable 7 full color touch screen display
- RFID reader
- 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
- Reasonably priced
- Simple wall-mounting saves space and costs compared to EV charging stations as it requires no foundation
- EV standards: IEC 62196, 1EC 61851, JEVS G105

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EV CHARGER

POWER
FORLIFE

Aytemiz MAKELSAN®
Uninterruptible Power Supplies

MODEL	20kW	30kW
INPUT		
Input Voltage	260 ~ 470 VAC (Three-Phase Five-Wire)	
Input Current	≤ 60 A	
Input Frequency	40~70 Hz	
Efficiency	94%	
Power Factor	≥ 0.99	
Input THD	≥ 5%	
OUTPUT		
Output Voltage	200 - 1000 V	
Rated Output Current	66.6 A (@300 V) / 20 A (@1000 V)	100 A (@300 V) / 30 A (@1000 V)
Soft-Start Time	3 ~ 8 s	
Voltage Regulation Accuracy	± 0.5%	
Current Regulation Accuracy	≤ ± 1%	
Ripple Coefficient (Peak Value)	≤ ± 0.5%	
Current-Sharing Unbalanced Degree	≤ ± 5% (50% ~ 100% Rated Load)	
Noise	< 60 dB	
CHARGING CONFIGURATION AND STANDARD		
Number of Charging Plugs	1	
Charging Cable Length	5 m	
Charging Protocols	CCS or CHAdeMO	
Standards	IEC 62196, IEC 61851, JEVS G105	
OTHERS		
Operating Temperature	-20ºC ~ +55ºC	
Storage Temperature	-40ºC ~ +80ºC	
Relative Humidity	≤ 95%	
Atmospheric Pressure	70 ~ 106 kPa	
IP Rating	IP 54	
DIMENSIONS & WEIGHT		
Dimensions WxDxH (mm)	600 x 250 x 720	
Weight (kg)	≤ 60	