

DC WALLMOUNT EVDC = 20KW / 30KW



Characteristics

- ✓ Compact and contemporary design
- ✓ 20 kW/30kW continuous fast charging
- ✓ Robust, all-weather enclosure for indoor and outdoor use: IP54
- ✓ Easy to install and use
- ✓ 100 A high output current
- ✓ Single outlet: CCS or CHAdeMO
- ✓ Daylight readable 7" full color touchscreen 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, IEC 61851, JEVS G105

SPECIFICATIONS

	EVDC-120kW	EVDC-180kW
INPUT		
Input Voltage	260 ~ 470 V (three-phase five-wire)	
INPUT Current	≤60 A	
Frequency	40~70 Hz	
Efficiency	94%	
Power Factor	≥ 0.99	
Input THD	≤ 5%	
OUTPUT		
Output Voltage Range	200 ~ 1000 V	
Rated Output Current	66.6A (@300 V) / 20 A (@ 1000 V)	100A (@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	-20° ~ +50°	
Storage Temperature	-40° ~ +80°	
Relative Humidity	≤ 95%	
Atmospheric Pressure	70 kPa ~ 106 kPa	
IP rating	IP 54	
Dimensions (W × D ×H) (mm)	600*250*720	
Weight (kg)	≤ 60	

- All specifications are subject to change without notice.