

MC-DW series

# 30kW Wall Mount DC Fast Charger




- Multi-standard: CCS and CHAdeMO
- Network or standalone operation
- User authentication
- Supports smart charging and load balancing
- Efficiency > 94%
- PF > 0.99(APFC)
- 7-inch LCD screen with user friendly interface
- OCPP 1.6 JSON
- IK10/NEMA 3R(Not including screen and RFID module)
- Customization available

## Applications

- Parking garages, retail and hospitality
- Commercial fleet operators
- EV infrastructure operators and service providers
- EV dealer workshops



Model Name	UL, DW 30 Series
Safety (Not including GB)	NRTL – cETLus (USA/Canada )
Picture	

### Power Specification

AC Input	Input Rating	3 $\Phi$ _480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	3 $\Phi$ 40A
	Frequency	50Hz/60Hz
	Power Factor	>0.99
	Efficiency	>94%,at optimize V/I point
DC Output	Output Voltage Range	CHAdEMO:150~500Vdc • CCS:150~950Vdc
	Max. Output Current	CHAdEMO/CCS:60A@500Vdc
	Max. Output Power	DC 30kW
	Voltage Accuracy	$\pm$ 2%
	Current Accuracy	$\pm$ 2%

### User Interface & Control

Display	7" LCD
Push Buttons	Operation buttons / Emergency stop button
User Authentication	RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966) OCPP, 2D barcode, APP, Mobile payment

### Communication

External	Ethernet,Wi-Fi,and 4G
Internal	CAN bus/RS485

### Environmental

Operating Temperature	-30° C~50° C, will derating from 50° C and above
Humidity	5%~95% RH, non-condensing
Altitude	$\leq$ 2000m
IP/IK Level	NEMA 3R IK10 (not including screen and RFID module)
Cooling Method	Fan cooling

### Mechanical

Cabinet Dimension(W x D x H)	610 x 230 x 690mm $\pm$ 1%
Weight	Single plug: $\leq$ 80kg $\pm$ 1%/Dual plugs: $\leq$ 88kg $\pm$ 1%
Cable Length	4m

### Protection

Input Protection	OVP, OPP, OTP, UVP, SPD
Output Protection	SCP, OCP, OVP, LVP, OTP, IMD

### Regulation

Certificate	UL 2202, UL2231
Charging Interface	CHAdEMO V1.2, DIN 70121, ISO15118