



MC-DM series

# 30kW Moveable DC Fast Charger



## Feature

- 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
- NEMA 3R
- Customization available

## Applications

- Parking garages
- Commercial fleet operators
- EV dealer workshops

## Locking Wheels



Model Name	UL, DM 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)	W589XD620XH988mm (cable holder 155)
Weight	$\leq$ 80kg $\pm$ 1%
Cable Length	4m

### Protection

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

### Regulation

Certificate	UL 2202, UL2231
Charging Interface	CHAdeMO V1.2, DIN 70121, ISO15118, GB/T 27930