

MC-DO series

# 360kW - Fan Cooling System DC Charger


## Features

- Simultaneous DC charging, up to 360KW per output with liquid-cooled connector
- Up to 500A per output (300A Standard)
- Power cabinet supports Pantograph Charging
- Multi-standard: CCS and CHAdeMO
- Network or standalone operation
- User authentication
- Supports smart charging and load balancing
- Customization available

## Applications

- EV bus stations
- Parking garages
- EV dealer workshops
- Commercial fleet operators
- EV infrastructure operators/service providers
- Gas/Service stations



Model Name	UL, DO 360 Series
Safety	TBD
Product Photo	

### Power Specification

AC Input	Input Rating	3Φ_480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	538A(UL)
	Frequency	50Hz/60Hz
	Power Factor	>0.99
	Efficiency	>94%
DC Output	Output Voltage Range	CCS :150~950Vdc • GBT: 150~750Vdc • CHAdeMO: 150~500Vdc
	Max. Output Current	<ul style="list-style-type: none"> <li>• CCS Liquid cooling plug : 500A@720V,</li> <li>• CCS Nature Colling plug : 250A@950V,</li> <li>• CHAdeMO: 200A@500V</li> </ul>
	Max. Output Power	DC 360kW
	Voltage Accuracy	±2%
	Current Accuracy	±2%

### User Interface & Control

Display	7" TF T-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 3G/4G
Internal	CAN bus/RS485

### Environmental

Operating Temperature	-30°C~50°C, power derating from 50 and above
Humidity	5%~95% RH, non-condensing
Altitude	≤ 2000m
IP/IK Level	<ul style="list-style-type: none"> <li>• IP55</li> <li>• IK10 (not including screen and RFID module)</li> </ul>
Cooling Method	Fan cooling

### Mechanical

Cabinet Dimension(W x D x H)	1400 x 800 x 1900mm ±1% (main cabinet), 700 x 550 x 1800mm ±1% (sub cabinet)
Weight	≤ 1200 kg ±3% (main cabinet), ≤ 300kg ±3% (sub cabinet)
Cable Length	4m

### Protection

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

### Regulation

Compliance	UL 2202, UL 2331
Charging Interface	CHAdeMO V1.2, DIN 70121, ISO15118, GB/T 27930