DM series

CE

30kW Moveable DC Fast Charger

Features

- Support Multi-Standards Charging gun as CCS1 Combo, CCS2 Combo, CHAdeMO and GB/T
- Efficiency > 94%
- Support Ethernet, Wi-Fi and 3G or 4G
- Integrated RFID card reader
- Customization available, easy installation and maintenance
- PF > 0.99（APFC）
- RJ45 Ethernet only, 3G/4G or Wi-Fi connection to back-end system
- OCPP1.6 JSON
- 7 inches LCD screen with user friendly interface
- IK10, IP55

Applications

- Highway gas/service station
- Parking garage
- Commercial fleet operators
- EV infrastructure operators and service providers
- EV dealer workshops

DM Series		
Model Name	CE, DM 30 Series	UL, DM 30 Series
Picture		

Power Specification

AC Input	Input Rating	380~415Vac (±15%)	480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT/IT	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	3Φ60A(Typ.±1%)	3Φ40A(Typ.±1%)
	Frequency	50Hz/60Hz	
	Power Factor	> 0.99 @ full load	
	Efficiency	≥94%	
DC Output	Output Voltage Range	CHAdeMO:150~500Vdc CCS2/GBT:150~950Vdc	CHAdeMO:150~500Vdc CCS1/GBT:150~950Vdc
	Max. Output Current	CHAdeMO/CCS2/GBT:500Vdc@60A CCS2/GBT:950Vdc@31.5A	CHAdeMO/CCS1/GBT:500Vdc@60A CCS1/GBT:950Vdc@31.5A
	Max. Output Power	30kW±1%	
	Voltage Accuracy	±1%	
	Current Accuracy	±1%	

User Interface & Control

Display	7" LCD
Push Buttons	Operation push button/system power source key switch (or ON/OFF switch, either)
User Authentication	RFID system ISO/IEC14443A/B

Communication

External	Wi-Fi and 3G or 4G (Optional)
Internal	CAN bus/RS485

Environmental

Operating Temperature	-30˚C~50˚C, power derating from 50˚C and above
Humidity	5%~95% RH, non-condensing
Altitude	≦ 2000m
IP Level	IP55/IK10 (not including screen and RFID module)
Cooling method	Fan cooling

Mechanical

Dimension(W x D x H)	586 x 488 x 862 mm±1%
Weight	≦ 70kg ±1%
Cable Length	3m

Protection

Input Protection	OVP, OCP, OPP, OTP, UVP, RCD, SPD
Output Protection	OCP, OVP, UVP, OTP, IMD

Regulation

Certificate	IEC 61851-1, IEC 61851-23, IEC 61851-21-2	UL 2594, UL 2202
Safety	CE	
Charging Interface	CHAdeMO V1.2, ISO15118, DIN 70121, GB/T 27930-2015	