

DM series



30kW Moveable DC Fast Charger

Features

- Supports Multi-Standard Charging guns as CCS1 Combo, CCS2 Combo, CHAdeMO and GB/T
- Efficiency > 94%
- Supports Ethernet, optional 4G or Wi-Fi
- Integrated RFID card reader
- Customization available, easy installation and maintenance
- PF > 0.99 (APFC)
- 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		Ethernet, optional 4G or Wi-Fi	
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 2202, UL 2231-1/-2
Safety		CE, cTUVus	
Charging Interface		CHAdEMO V1.2, ISO15118, DIN 70121, GB/T 27930-2015	