

DM series

30kW Moveable DC Fast Charger



Features

- Multi-standard: CCS, CHAdeMO and GB/T
- Network or standalone operation
- User authentication
- Support smart charging and load balancing
- Efficiency > 94%
- PF > 0.99(APFC)
- 7 inches LCD screen with user friendly interface
- OCPP 1.6 JSON
- IK10(Not including screen and RFID module), IP55
- Customization available

Applications

- Parking garage
- Commercial fleet operators
- EV dealer workshops

Accessory

Please refer to page 37 for accessory information.




- Cable hook



EU wheel



US wheel

DM Series			
Model Name		CE, DM 30 Series	UL, DM 30 Series
Picture			
Power Specification			
AC Input	Input Rating	3 Φ _380~415Vac (\pm 15%)	3 Φ _480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration),TN/TT/IT	3P+N+PE (Wye configuration),TN/TT
	Max. Input Current	3 Φ 60A(Typ. \pm 1%)	3 Φ 40A(Typ. \pm 1%)
	Frequency	50Hz/60Hz	
	Power Factor	> 0.99 @ full load	
	Efficiency	\geq 94%	
DC Output	Output Voltage Range	CHAdEMO:150~500Vdc CCS:150~950Vdc / GBT:150~750Vdc	
	Max. Output Current	CHAdEMO/CCS/GBT:60A@500Vdc CCS:31.5A@950Vdc / GBT:40A@750Vdc	
	Max. Output Power	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/4G/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		\leq 2000m	
IP Level		IP55/IK10 (not including screen and RFID module)	
Cooling Method		Fan cooling	
Mechanical			
Cabinet Dimension(W x D x H)		589 x 490 x 740 mm \pm 1%	
Weight		\leq 80kg \pm 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 (Not including GB)		CB, CE	NRTL - cETLus
Charging Interface		CHAdEMO V1.2, DIN 70121, GB/T 27930, (ISO15118:2020/Q4)	