DM series
30kW Moveable
DC Fast Charger

CE · ETL Listed US Intertek

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

		CE, DM 30 Series	UL, DM 30 Series
AC Input	Input Rating	3Φ_380~415Vac (±15%)	3Φ_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 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	±2%	
	Current Accuracy	±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	≤ 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±1%
Weight	≦ 80kg ±1%
Cable Length	3m

Protection

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

Regulation

	CE, DM 30 Series	UL, DM 30 Series
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)	