



DW series

30kW Wall Mount DC Fast Charger



- Multi-standard: CCS, CHAdeMO
- 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/NEMA 3R(Not including screen and RFID module), IP55
- Customization available

Applications

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



Charging stand please refer to page 35 for accessory information.

Model Name	CE, DW 30 Series	UL, DW 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	3 Φ 50A
	Frequency	50Hz/60Hz	
	Power Factor	>0.99	
	Efficiency	>94%,at optimize V/I point	
DC Output	Output Voltage Range	• CHAdeMO:150~500Vdc • CCS:150~950Vdc	
	Max. Output Current	CHAdeMO/CCS:60A@500Vdc	
	Max. Output Power	DC 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,Wi-Fi,and 4G
Internal	CAN bus/RS485

Environmental

Operating Temperature	-30° C~50° C, will derating from 50° C and above	
Humidity	5%~95% RH, non-condensing	
Altitude	$\leq 2000\text{m}$	
IP/IK Level	IP55/IK10 (not including screen and RFID module)	NEMA 3R/IK10 (not including screen and RFID module)
Cooling Method	Fan cooling	

Mechanical

Cabinet Dimension(W x D x H)	610 x 230 x 690mm $\pm 1\%$	
Weight	Single plug: $\leq 80\text{kg} \pm 1\%$ /Dual plugs: $\leq 88\text{kg} \pm 1\%$	
Cable Length	4m	

Protection

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

Regulation

Certificate	IEC 61851-1, IEC 61851-23, IEC 61851-21-2	UL 2202, UL2594
Safety (Not including GB)	CB, CE	NRTL - cETLus
Charging Interface	CHAdeMO V1.2, DIN 70121, ISO15118	