

DW series



30kW Wall Mount DC Fast Charger

Features


- Supports Multi-Standard Charging guns as CCS1 Combo, CCS2 Combo, CHAdeMO and GB/T
- Efficiency > 94%
- Supports Ethernet/4G, optional Wi-Fi
- Integrated RFID card reader Customization available, easy installation and maintenance
- PF > 0.99 (APFC)
- 7 inches LCD screen with user friendly interface
- OCPP1.6 JSON
- IK10, IP55



Applications

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



DW Series			
Model Name	CE, DW 30 Series		UL, DW 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/4G, optional 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/IK Level	IP55/IK10 (not including screen and RFID module)		
Cooling method	Fan cooling		
Mechanical			
Dimension(W x D x H)	680 x 230 x 690mm±1%		
Weight	Single Gun: ≤ 80kg ±1%/Dual Gun: ≤ 88kg ±1%		
Cable Length	4m		
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		