



DC SERIES 180kW Free Standing DC Fast Charger



Features

- Simultaneously 2 DC
- Multi-standard: CCS, CHAdeMO and GB/T
- Network or standalone operation
- User authentication
- Optional cable management accessories
- 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

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


Accessory



- Cable Management



DC Series

Model Name	UL, DS180Series		
Picture			
Power Specification			
AC Input	Input Rating	3Φ_480Vac (+10%, -15%)	
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT	
	Max. Input Current	DC System:3Φ260A(Typ.±1%)	
	Frequency	50Hz/60Hz	
	Power Factor	>0.99 @ full load	
	Efficiency	≥94%	
DC Output	Output Voltage Range	CCS1:150~950Vdc CHAdeMO:150~500Vdc	
	Max. Output Current	CCS1:200A@ 900 Vdc CHAdeMO/CCS1:120A@500Vdc	
	Max. Output Power	DC System: 180kW+	
	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		
Altitude	≤ 2000m		
IP Level	IP55/IK10 (not including screen and RFID module)		
Cooling Method	Fan cooling		
Mechanical			
Cabinet Dimension(W x D x H)	800 x 650 x 1900 mm ±1%		
Weight	≤500kg±1%		
Cable Length	4m		
Protection			
Input Protection	OVP, OCP, OPP, OTP, UVP, RCD, SPD		
Output Protection	OCP, OVP, UVP, OTP, IMD		
Regulation			
Certificate	UL 2202, UL 2231-1/-2		
Safety	NRTL - cETLus		
Charging Interface	CHAdeMO V1.2, DIN 70121, GB/T 27930, (ISO15118:2020/Q4)		