

DS series



60kW Free Standing DC Fast Charger



- Simultaneous DC Charging
- Multi-standard: CCS & CHAdeMO
- Network or standalone operation
- User authentication
- Optional cable management accessories
- Supports smart charging and load balancing
- Efficiency > 94%; PF > 0.99(APFC)
- 7-inch LCD screen with user friendly interface
- OCPP 1.6 JSON (Upgradable to 2.0 OTA)
- NEMA 3R
- Customization available

Cable Management



Model Name	UL, DS 60 Series
Safety	NRTL – cETLus (USA/Canada)
Product Photo	

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:3Φ100A
	Frequency	50Hz/60Hz
	Power Factor	>0.99
	Efficiency	>94%,at optimize V/I point
DC Output	Output Voltage Range	CCS1:150~950Vdc CHAdeMO:150~500Vdc
	Max. Output Current	CHAdeMO/CCS1:120A@500Vdc
	Max. Output Power	DC System:60kW
	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
Meter	AC/DC Meter (2022)

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	≤ 2000m
IP/IK Level	• NEMA 3R • IK10 (not including screen and RFID module)
Cooling Method	Fan cooling

Mechanical

Cabinet Dimension(W x D x H)	700 x 331 x 1800 mm±1%
Weight	≤ 235kg±1%
Cable Length	4m

Protection

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

Regulation

Certificate	UL 2202, UL2231
Charging Interface	CHAdeMO V1.2, DIN 70121, ISO15118, GB/T 27930