CE ETL Intertek

90kW / 120kW / 150kW / 180kW Free Standing DC Fast Charger

- 500A output available
- Simultaneously 2 DC and 1 AC charging (AC will be available in 2021/Q2)
- 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/NEMA 3R(Not including screen and RFID module), IP55
- Customization available

* 500A duty cycle is according to supplier's instruction

Applications

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

Cable Management

Please refer to page 35 for accessory information.

Simultaneously 2 DC and 1 AC charging
(AC will be available in 2021/Q2)

CE, DS 120 Series	UL, DS 120 Series

3Φ_380~415Vac (±15%)	3Φ_480Vac (+10%, -15%)
3P+N+PE (Wye configuration), TN/TT/IT	3P+N+PE (Wye configuration), TN/TT
• DC System:3Φ220A • AC module(22kW):3Φ32A	• DC System:3Φ180A • AC module(22kw):1Φ80A

50Hz/60Hz	
>0.99	
>94%,at optimize V/I point	

• CCS2:150~950Vdc • GBT: 150~750Vdc • CHAdeMO:150~500Vdc • AC:3Φ_380~415Vac	• CCS1:150~950Vdc • CHAdeMO:150~500Vdc • AC:1Φ_277Vac
• CHAdeMO:120A@500Vdc • AC(22kW):3Φ32A@230Vac	• CHAdeMO:120A@500Vdc • AC(22kw):1Φ80A@277Vac
• DC System:120kW + • AC module:3 Phase 22kW	• DC System:120kW + • AC module:Single Phase 22kw

±2%	
±2%	

7'' TFT-LCD	
Operation button/Emergency stop button	
RFID: support ISO 14443A/B, ISO 15693, FeliCa Lite-S (RCS966) OCPP, 2D barcode, APP, Mobile payment	

Ethernet,Wi-Fi,and 4G	
CAN bus/RS485	

-30˚C~50˚C, will derating from 50˚C and above	
5%~95% RH, non-condensing	
≦ 2000m	

IP55/IK10 (not including screen and RFID module)	NEMA 3R/IK10 (not including screen and RFID module)
Fan cooling	

800 x 650 x 1900mm ±1%	
≦ 420kg ±1%	

4m	4m

OVP, OCP, OPP, OTP, UVP, RCD, SPD	OVP, OCP, OPP, OTP, UVP, SPD
OCP, SCP, OVP, LVP, OTP, IMD	

IEC 61851-1, IEC 61851-23, IEC 61851-21-2	UL 2202, UL2594
CB, CE	NRTL - cETLus
CHAdeMO V1.2, DIN 70121, ISO15118, GB/T 27930	