

# Technical Specifications



## Electrical

Connector option	CCS1 * 2, CCS1 + NACS (optional)
Input power	AC480V±10% Vac , 3-Phase, L1, L2, L3, PE, 50/60 Hz
Output power	320 kW / 150 to 1000 VDC with liquid cooling system and Boost mode
Power factor ( > 50% load)	≥ 0.98
Peak efficiency	≥ 96.5%
Standby power	Meet the Energy Star
Dynamic power sharing	Full power support dynamic output mode

## User interface & Communication

Internet Connectivity	4G / Wi-Fi / Ethernet (RJ 45)
Authentication methods	PnC, QR Code, RFID & Credit Card (optional)
Interface	32 "screen with 4 buttons
Accessible for wheelchair users	Yes
Communications protocols	OCPP 1.6J (Support OTA to OCPP 2.0.1)
Software update	OTA Update Via Web Portal

## Technical Characteristics

Cable length	5 m with cable management system and ADA compliance
Protection ratings	NEMA 3R & IK 10 (HMI IK 08)
Enclosure type	Stainless steel 430
Safety	OverCurrent, OverVoltage, UnderVoltage, GroundFault, OverTemperature, ShortCircuit, Insulation Monitor & Surge Protection
Operating altitude	≤2000 m
Operating temperature	-30 °C to +50 °C (50°C ~60°C derated output)
Storage temperature	-40°C to +70°C
Humidity	< 95 % RH, Non-Condensing
Noise level	< 68 dB @1 m/25 °/Full Load/800 VDC Noise adaptive (Silent mode)
Mounting	Ground mounting
Dimensions(H*W*D)	2170*843*802 mm

## Certification and Standards

Safety and compliance	UL 2202, UL 2231-1, UL 2231-2, NEC Article 625, CSA C22.2 No. 107.1-16
EMC	FCC Part 15 Class A