

# Series 9 Technical Specifications



ELECTRICAL SPECIFICATION – DC OUTPUT	
Number of Ports	One
Power	Up to 30 kW Max
Current	Configurable up to 60A Max
Voltage	150 ~ 1000 VDC
Charging Connector	CCS1
Charging Interface	DIN 70121, ISO 15118
ELECTRICAL SPECIFICATION – AC INPUT	
Power	32 kVA Max
Current	3-phase: 38A Max
Voltage	3-phase: 480Y/277 VAC
Frequency	50/60 Hz
Power factor	> 0.98
SAFETY SPECIFICATION	
Input Protection	Over/under voltage, over current, overpower, over temperature, surge protection and ground fault detection
Output protection	Over/under voltage, over-current, over temperature, short-circuit protection and insulation monitoring device
Internal protection	Over temperature protection, AC contactor monitoring, DC contactors monitoring, filter clog detection (coming soon)
Surge Protection	6kV @ 3,000A
NETWORK SPECIFICATION	
Data Communication	Cellular 4G LTE, Wi-Fi, Ethernet
Charging Infrastructure Communication	OCPP 1.6J Compliant
Remote Management	Remote access, diagnostics, Over-the-Air (OTA) software update enabled
Load Management	Smart, dynamic allocation and distribution of power to EVSEs
USER INTERACTION SPECIFICATION	
Charging Status Indicator	High visibility, multi-color LED visual status indication
Display	7" LCD daylight readable
Authentication	RFID: ISO 14443 Type A & B, MiFare, Felica, ISO 15693 NFC: Apple VAS, NEMA, Google Smart Tap (coming soon) Plug and Charge: ISO 15118
Payment	Optional: Apple/Google Pay, Contactless/Magnetic/EMV Credit Card
Emergency Stop Button	One for the Charger
Load Control	Plug & Charge (ISO 15118) (coming 2024)
ENVIRONMENTAL SPECIFICATION	
Enclosure	NEMA 3R certified
Operating Humidity	Up to 95% non-condensing
Operating Temperature	-25 degree C (-13° F) to +50 degree C (131° F)
Operating Altitude	<=6560 ft
Cooling Method	Forced air
MECHANICAL SPECIFICATION	
Dimensions	Charger: 24.7" H x 31.9" W x 14.6" D
Approximate Weights	Device: 158.7 lbs.   Pedestal mount: 103.6 lbs. Wall mount bracket: 35.27 lbs.
Mounting Option	Wall and Pedestal mount
Cable Length	16 ft standard, 23ft optional
Cable Management System	Integrated
REGULATION	
Safety	UL 2202 / CSA C22.2 No. 107.1-16, UL 2231-1 / CSA C22.2 No. 281.1-12, UL 2231-2 / CSA C22.2 No. 281.2-12 certified
EMI	FCC Part 15 Class A compliant
Energy Efficiency	Energy Star compliant
Compliance	California Type Evaluation Program (CTEP) certified
Accessibility	ADA Compliant