

Series 9 (Model 9100) Technical Specification



PRODUCT CODE	201-000046-A (CCS - 16ft)
ELECTRICAL SPECIFICATION – DC OUTPUT	
Number of Ports	One
Power	Up to 40 kW Max
Current	133A Max @ 300 VDC; 40A @ 1000 VDC
Voltage	150 ~ 1000 VDC
Energy Meter Accuracy	+/- 1%
Charging Connector	CCS1
Charging Interface	DIN 70121, ISO 15118
ELECTRICAL SPECIFICATION – AC INPUT	
Power	43 kVA Max
Current	3-phase: 52A Max
Voltage	277/480V (3P + N + PE)
Frequency	50/60 Hz
Power Factor	> 0.98
SAFETY	
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
FUNCTIONAL	
Connectivity	Cellular 4G LTE, Wi-Fi, Ethernet
Backend Protocol	OCPP 1.6J, OCPP 2.0.1 compliant
Remote Management	Remote access, diagnostics, Over-the-Air (OTA) software update enabled
Load Management	Smart, dynamic allocation and distribution of power to each port

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USER INTERACTION	
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
ENVIRONMENTAL	
Enclosure	NEMA 3R outdoor rated
Operating Humidity	Up to 95% non-condensing
Operating Temperature	-25 degrees C to +50 degrees C
Operating Altitude	<=6560 ft
Cooling Method	Forced Air
MECHANICAL	
Dimensions	Head Unit: 24.7" H x 31.9" W x 14.6" D Pedestal: 37.4" H x 27.6" W x 5.9" D Wall Mount: 14.7" H x 18.6" W x 7.7" D
Approximate Weights	Head Unit: 163.8 lbs Pedestal: 125.6 lbs Wall Mount: 35.3 lbs
Mounting Option	Wall and Pedestal mount
Cable Length	16 ft standard
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
Certification	California Type Evaluation Program (CTEP) certified
Accessibility	ADA Compliant