

# Series 9 30kW DCFC



ELECTRICAL SPECIFICATION – DC OUTPUT	
Number of Ports	One
Power	30A Max
Current	60A Max @ 150 ~ 500 VDC; 33.3A Max @ 900 VDC
Voltage	Standard: 150 ~ 900 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: 277Y/480Y 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
NETWORK SPECIFICATION	
Data Communication	Cellular 4G LTE, Wi-Fi, Ethernet
Charging Infrastructure Communication	OCPP Compliant
Remote Management	Remote access, diagnostics, Over-the-Air (OTA) software update enabled
Load Management	Smart, dynamic allocation and distribution of power to EVSEs

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USER INTERACTION SPECIFICATION	
Charging Status Indicator	High visibility, multi-color LED visual status indication
Display	7" LCD daylight readable touch screen
Authentication	RFID: ISO 14443 Type A & B, MiFare, Felica, ISO 15693 NFC: Apple VAS, NEMA Plug and Charge: ISO 15118
Payment	Optional: Apple/Google Pay, Contactless/Magnetic/EMV Credit Card
Emergency stop button	One for the Charger
ENVIRONMENTAL SPECIFICATION	
Enclosure	NEMA 3R outdoor rated
Operating Humidity	Up to 95% non-condensing
Operating Temperature	-25° C (-13° F) to +55° C (131° F); (+55 °C to +65 °C with derating)
Operating Altitude	<=6560 ft
Cooling Method	Forced air
MECHANICAL SPECIFICATION	
Dimensions	w/cc reader 24.7" H x 31.9" W x 14.6" D; w/o cc reader 24.7" H x 31.9" W x 12.8 " D
Approximate Weights	Device: w/cc reader 142 lbs.; w/o cc reader 141 lbs. Pedestal mount: 85 lbs. Wall mount bracket: 54 lbs.
Mounting Option	Wall or Pedestal mount
Cable Length	16 ft standard, 23ft optional
Cable Organizer	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) compliant
Accessibility	ADA Compliant