

HQ 200 Specifications



HQ 200 Smart

	HQ 200 SMART
POWER SPECIFICATIONS	
Standby Power	<3.6W
Maximum Power	12kW
Output Power	NEMA 14-50P: 2.9, 3.8, 5.8, 7.7, 9.6 kW Hardwired: 2.9, 3.8, 5.8, 7.7, 9.6, 11.5, 12 kW
Maximum Output Amperage	50A
Output Amperage	NEMA 14-50P: 12, 16, 24, 32, 40 A Hardwired: 12, 16, 24, 32, 40, 48, 50 A
Circuit Breaker Options	15A, 20A, 30A, 40A, 50A, 60A, 70A
Voltage	208/240 VAC
Voltage Range	180 to 264 VAC
Frequency	50, 60 Hz
Input Wiring Type	NEMA 14-50P: 12A, 16A, 24A, 32A, 40A Hardwired: 50A
Input Wiring Scheme	L1, L2, PE
Cold-Load Pickup	Randomized delay between 120 and 720 seconds before charge resumes after a power failure.
Power Measurement Accuracy	1%
Surge Protection	Up to 6kV at 3,000A
FUNCTIONAL SPECIFICATIONS	
Charge Connector Type	SAE J1772, Lockable (up to 0.24" or 5mm Shackle Diameter)
Charge Cable Length	23ft. (7.01m)
Status Indicator	Status & WLAN LEDs, Audio
User Interface	Mobile Application
Demand Response	Yes
Vehicle to Grid Communications	ISO 15118 EIM, Plug & Charge
Access Control	None

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NETWORK SPECIFICATIONS	
Network Interface	Blink OCPP, OCPP 1.6J, OCPP 2.0.1
Wireless Local Area Network (WLAN)	2.4GHz & 5GHz Wi-Fi (802.11 b/g/n/ac)
Wide Area Network (WAN)	None
SAFETY & COMPLIANCE SPECIFICATIONS	
Ground Fault Detection	CCID20, 20mA per UL 2231, Automatic Reset Feature and Manual Reset Feature
Ground Monitor	Ground Monitor per UL 2231
Safety Compliance	UL/ULC, CSA, NEC Article 625, RoHS
Protection	Over-Voltage (OVP), Under-Voltage (UVP), Over-Current (OCP), Over-Temp (OTP), & Short-Circuit Protection
EMC Compliance	FCC Part 15B, Industry Canada (IC), Norma Oficial Mexicana (NOM)
ADA Compliance	Yes
EnergyStar Certification	Yes*
OPERATIONAL SPECIFICATIONS	
Mounting Type	Wall Mount
Enclosure Rating	NEMA Type 3R Indoor/Outdoor
Operating Temperature	Up to 48A: -30°C to +50°C (-22°F to +122°F), At 50A: -30°C to +45°C (-22°F to +113°F)
Storage Temperature	-40°C to +80°C (-40°F to +176°F)
Operating Humidity	5% to 95% Relative Humidity, Non-Condensing
Charging Station Dimensions	11.65"H x 8.9"W x 4.02"D (296mm H x 226.2mm W x 102.2mm D)
Package Dimensions	18.15"H x 14.80"W x 11.42"D (461mm H x 376mm W x 290mm D)
Charging Station Weight (Unpackaged)	20.94lbs. (9.5kg)
Charging Station Weight (Packaged)	23.15lbs. (10.5kg)

*Pending certification completion