

# HQ 200 Specifications



HQ 200 Smart



HQ 200 Basic

	HQ 200 BASIC	HQ 200 SMART
<b>POWER SPECIFICATIONS</b>		
Input Power (Standby)	<2.6W Standby	<3.6W Standby
Input/Output Power (Max.)	12kW Max.	
Input/Output Power (Selectable)	2.9kW, 3.8kW, 5.8kW, 7.7kW, 9.6kW, 12kW	
Input/Output Amperage (Max.)	50A	
Input/Output Amperage (Selectable)	12A, 16A, 24A, 32A, 40A, 48A, 50A	
Circuit Breaker Options	15A, 20A, 30A, 40A, 50A, 60A, 70A	
Input/Output Nominal Voltage	208VAC/240VAC	
Input/Output Voltage Range	180VAC to 264VAC	
Input/Output Frequency	50Hz/60Hz	
Input Wiring Type	NEMA 14-50P: 12A, 16A, 24A, 32A, 40A Hardwired: 50A	
Input Wiring Scheme	L1, L2, G	
Cold-Load Pickup	Randomized delay between 120 and 720 seconds before charge resumes after a power failure.	
Power Measurement Accuracy	None	
Surge Protection	Up to 6kV at 3,000A	
<b>FUNCTIONAL SPECIFICATIONS</b>		
Charge Connector Type	SAE J1772, Lockable (up to 0.24" or 5mm Shackle Diameter)	
Charge Cable Length	23ft. (7.01m)	
Status Indicator	Status LED	Status & WLAN LEDs, Audio
User Interface	None	Mobile Application
Demand Response	No	Yes
Vehicle to Grid Communications	None	ISO 15118 EIM, Plug & Charge
Digital Assistance	None	Amazon Alexa, Google Assistant, Apple Siri
Access Control	None	

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NETWORK SPECIFICATIONS		
Network Interface	None	Blink OCPP, OCPP 1.6J, OCPP 2.0.1
Wireless Local Area Network (WLAN)	None	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)	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)	