











# WATTIHOME GEN2S 6A-48A



## Smarter, Safer, and Shareable Home Charging

Rebuilt from the inside based on our best-selling Home Gen2 with the most advanced and reliable EV charging hardware on the market. Offering enhanced user authentication and smarter app controls, manage access with RFID cards, securely share charging with family or guests, and monitor every session from the Electric Avenue app.

-  Includes pre-connected NEMA 14-50P for 40A charging, and optional hardwired kit for 48A charging.
-  Optional Connector: J1772 or J3400 (NACS)
-  7.6m (25ft) cable with wrap-around cable management
-  Compatible with all North American EV's
-  Watertight NEMA Type 4 enclosure for indoor/outdoor use
-  Secure user authorization, with RFID or via Mobile App
-  Track charging data & energy consumption in the app
-  Complete control and charging session visibility with the free Electric Avenue app, no subscription required.



STANDARD		OPTIONAL		
				
				

# TECHNICAL SPECIFICATIONS



Model Name	Watti Home Gen2S	
Installation Type	Wall Mounted / Pedestal Mounted* (*Pedestal Sold Separately)	
Safety	ETL/cETL (North America)	
<b>Power Specification</b>		
AC Input	Input Rating	Single-phase: 208/240V
	AC Input Connection	L1/L2/PE
	Input Current	40A (Plug-in)/48A (Hardwired)
	Frequency	60Hz
AC Output	Output Current	Hardware/Software Adjustable: 6A-48A (Pre-Configured to 40A. 48A Hardwired Only)
	Output Power	11.5kW at 240V/10kW at 208V
Output Interface	SAE J1772 AC Charging Connector (Optional SAE J3400 Connector)	
<b>User Interface &amp; Control</b>		
Display	LED Indicator light (Red, Green, Blue)	
User Authentication	None (Plug and Charge Mode) or Secure: User Authorization by Mobile App, or RFID (ISO/IEC 14443A/B, ISO/IEC 15693, FeliCa™, MIFARE)	
<b>Communication</b>		
Network Connection	WiFi/LAN	
Internet Function	10M / 100M Base-T	
WiFi Function	802.11 b/g/n	
Charge Protocol	OCPP 1.6 JSON	
<b>Environmental</b>		
Operating Temperature	-40°C to 50°C (-40°F to 122°F)	
Storage Temperature	-40°C to 70°C (-40°F to 158°F)	
Operating Humidity	Up to 95% Non-Condensing	
Storage Humidity	5% to 95%	
Altitude	≤ 2000m (≤ 6561ft)	
Protection Level	NEMA 4 / IP 65	
<b>Mechanical</b>		
Charger Dimensions (W x H x D)	218mm x 218mm x 94mm (8.6in x 8.6in x 3.7in)	
Weight	7kg (15.4lbs)	
Cable Length	7.6m (25ft)	
<b>Safety</b>		
Input Protection	UVP, OVP, RCD (CCID20), SPD, Ground Fault Protection	
Output Protection	OCP, OTP, Control Pilot Fault Protection	
Protocol	OTP, Relay welding detection, CCID self-test, MCU function fault detection	
<b>Regulation</b>		
Certificates	UL2594, UL2231-1/-2, FCC	
<b>Available Configurations &amp; Part Numbers</b>		
Watti Home Gen2s 48A, 25ft Cable, Wi-Fi, Plug-In, J1772	EAWHG2S48-25WIPL17	
Watti Home Gen2s 48A, 25ft Cable, Wi-Fi, Plug-In, NACS	EAWHG2S48-25WIPL34	