



Electric Avenue

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
NEW

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.



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TECHNICAL SPECIFICATIONS



| | | |
|---|---|--|
| Model Name | Watti Home Gen2S | |
| Installation Type | Wall Mounted / Pedestal Mounted* (*Pedestal Sold Separately) | |
| Safety | ETL/cETL (North America) | |
| Power Specification | | |
| 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) | |
| User Interface & Control | | |
| 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) | |
| Communication | | |
| Network Connection | WiFi/LAN | |
| Internet Function | 10M / 100M Base-T | |
| WiFi Function | 802.11 b/g/n | |
| Charge Protocol | OCPP 1.6 JSON | |
| Environmental | | |
| 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 | |
| Mechanical | | |
| 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) | |
| Safety | | |
| 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 | |
| Regulation | | |
| Certificates | UL2594, UL2231-1/-2, FCC | |
| Available Configurations & Part Numbers | | |
| 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 | |