

Meter: eGauge Core Residential (HomePlug, discontinued)

This is a discontinued product. eGauge Systems no longer offers HomePlug-compatible devices. If wireless communication is required, please utilize the **WiFi-enabled EG42xx series meter**.

[Visit the online store page](#)

Model: EG4115

The eGauge Core Residential (EG4115) is the Pro version of the EG4xxx meter line. It has 15 sensor inputs and integrated HomePlug power-line communication. See the **[Meter Comparison Chart](#)** for the different versions of the EG4xxx meter line and what is the best fit.

The eGauge Core Residential has integrated HomePlug (power-line) communication. If power-line communication is not needed, you may use the standard **eGauge Core (EG4015)** without power-line communication. **[eGauge Meter Comparison Chart](#)** for full side-by-side comparisons.



eGauge Core Residential (EG4115)

Specifications

[Full specs \(data-sheet PDF\)](#)

[3D CAD file \(STEP format\)](#)

[3D CAD file \(legacy STEP format\)](#)

Measurements & Operation

- AC Voltage: $\leq 277V$ L-N, $\leq 480V$ L-L
- DC Voltage: $\pm 60Vdc$ (9Vdc minimum to power)
- Frequency: 50/60Hz
- Power Draw: 12W max, 2W typical
- Accuracy: ANSI C12.2 - 0.5% Compliant

Data Logger Capacity

- Most recent hour: 1-second granularity

- Most recent year: 1-minute granularity
- Most recent 10-years: 15-minute granularity
- Lifetime: 1-day granularity

Communication

- Homeplug AV: Compatible with HomePlug AV adapter within ~100. on same phase as L1 terminal
- Ethernet: IEEE 802.3 - LAN
- WiFi/Cell optional with third party hardware

Safety and Regulatory

- Safety: IEC/UL 61010-1 Ed. 3.0 B:2010
- CE
 - IEC 61000-6-1 Ed. 3.0 B:2016
 - IEC 61000-6-3 Ed. 2.1 B:2011
- FCC
 - FCC Title 47 CFR Part 15-Subpart B Class B
 - ICES-003 Information Technology Equipment Class B

Environmental

- Operating Temperature: -30 to 70 deg C (-22 to 158 F)
- Max Altitude 4000m (13,123ft)
- Max Humidity: 80% up to 31 deg C
- Measurement Category: Overvoltage Category III
- Location: Open type indoor device
- Pollution Degree: 2

Hardware included

- 1x eGauge Pro EG4130 Main Unit
- 1x [5-pin AC power plug](#)
- 1x 2-pin DC power plug
- 1x [Quick Start Guide](#)

Optional Common Hardware (not included)

- [Current Transformers \(CTs\)](#) w/8 ft wires & plug (as ordered)
- [Other CTid-enabled Sensors](#)

Assembly/installation information

See the [Installation Overview Tips](#) to get started.

Documents

- [Installation Overview and Tips](#)
- [EG4xxx Owner's Manual](#)
- [eGauge Configuration Guide](#)
- [EG4xxx Data Sheet](#)
- [3D CAD file \(STEP format\)](#)
- [3D CAD file \(legacy STEP format\)](#)

Related Information

- [Meter Comparison Guide](#)
- [Related Meter Products](#)
- [eGauge Meter Configuration](#)

Please visit kb.egauge.net for the most up-to-date documentation.