

# Meter: eGauge Pro (HomePlug, discontinued)

Model: EG4130

The EG4130 has been discontinued and replaced with the **EG4030**. If HomePlug communication on a Pro meter is needed, a HomePlug adapter may be connected to the Ethernet port of the EG4030.

The eGauge Pro (EG4130) is the Pro version of the EG4xxx meter line. It has 30 sensor inputs and integrated HomePlug communication. See the [Meter Comparison Chart](#) for the different versions of the EG4xxx meter line and what is the best fit.

The eGauge Pro combines an energy meter, data logger, and a web server. This powerful combination lets you measure, store and retrieve data directly from the device or from a remote location. Not only does it calculate power (V, A, VAr, kWh, etc), but also data from optional sensors that assess flow rate, temperature, wind speed, and more. You can view historical and live data for up to 30 years with the unit's convenient user interface (UI). The UI can be accessed on a local network or via the internet from a computer, tablet, or smartphone. Once connected, you have access to real-time values, long-term reports, an interactive graphical interface, and many other tools. The best part is that you pay nothing for the user interface because you retrieve data directly from your own eGauge hardware, not a cloud or 3rd party host.



eGauge Pro (EG4130)

# 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)
- [HomePlug AV wall-outlet adapter](#) w/5ft Ethernet cable (if 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](#)
- [EG4130 Data Sheet](#)
- [eGauge Pro Sales Sheet](#)
- [3D CAD file \(STEP format\)](#)
- [3D CAD file \(legacy STEP format\)](#)

## Related Information

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

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Please visit [kb.egauge.net](http://kb.egauge.net) for the most up-to-date documentation.