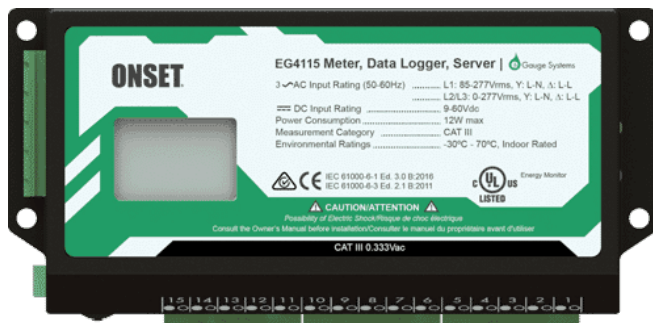




# DISCONTINUED: Onset EG4115 Core - 15 Channel Energy Meter & Data Logger

## Product Images



## Short Description

The EG4115 combines an energy meter, data logger, and a web server. This powerful combination lets you measure, store and retrieve (V, A, VAr, kWh, etc.) data directly from the device or from a remote location via the internet.

## Description

**Track Your Power, Anywhere. The EG4115 Core combines an energy meter, data logger, a web server**

## **and graphical software.**

It features a 15-channel energy meter with 0.5% revenue-grade accuracy compliance and the ability to measure residential or commercial circuit panels, up to 3-phase 277/480VAC and 6900A. The meter has HomePlug AV powerline communication, an Ethernet port, and 2 USB ports for additional options like WiFi. The embedded web server lets you connect to the interface over the internet or on a local area network. Each unit has a data logger that stores up to 64 data points for the lifetime of the hardware, and you can access data as granular as 1-second averages for the most recent hour of recording.

## **Highlighted Features of the EG4115**

- 15 sensor inputs
- Supports a wide range of current transformers (CTs) to accommodate virtually any size load
- Built-in web server and graphical monitoring software
- Custom view and alerts; CSV exports of granular data
- Fully web-configurable
- Built-in solid-state memory
- No service contracts
- No batteries.

An accurate and flexible solution for monitoring multiple circuits in any residential or commercial energy monitoring application.

## Additional Information

Country of Manufacture	United States
Explanation	
<b>Measurement</b>	
<b>AC Voltage:</b>	L1: 85-277 Vrms L2: 0-277 Vrms L3: 0-277 Vrms
<b>DC Voltage:</b>	42 Vrms Power: 9-60 Vdc Measurement: +/-60 Vdc
<b>Current:</b>	15 channels 5-6900A max per channel Fully isolated inputs
<b>Frequency:</b>	50 or 60 Hz
<b>Logging Values:</b>	V, A, W, Wh, Hz, VA, VAr, THD, deg
<b>Power Draw:</b>	12W max, 2W typical
<b>Environmental</b>	
<b>Op. Temperature:</b>	-30 to 70 deg C (-22 to 158 F)
<b>Max Altitude:</b>	4000m (13,123ft)
<b>Max Humidity:</b>	80% up to 31 deg C
<b>Meas. Category:</b>	Overvoltage Category III
<b>Location:</b>	Open type indoor device
<b>Pollution Degree:</b>	2
<b>Data Logger Capacity</b>	
<b>Register Count:</b>	64 (data storage points)
<b>Granularity: (duration/avg)</b>	1 hour/1 second 1 year/1 minute 10 yrs/15 minute Device Lifetime/1 Day
<b>Safety and Regulatory</b>	
<b>Safety:</b>	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

## Communication

**Homeplug AV:** Compatible with Homeplug AV- adapter within ~100ft. on same phase as L1. The HomePlug AV powerline adapter uses your building's existing electrical wiring to create a direct connection between your EG4100 Series meter and a network. Contact us for further details and pricing.

**Ethernet:** IEEE 802.3 - LAN

## User Interface

**Compatible Browsers:  
(Only up-to-date versions supported)** Google Chrome  
Firefox  
Safari  
Internet Explorer

## Enclosure

**Material:** FRABS

**Dimensions:** 17 x 8 x 4.6cm  
(6.7 x 3.15 x 1.81in)

**Weight:** 300g (0.66lbs)

**Warranty Standard:** 2 years

Promotion **This product has been discontinued. See our [full range of Energy Loggers](#)**

Brand Onset HOBO

Channel(s) 15

Typical applications Building Monitoring, Datalogging, Energy, Environmental (Indoor), HVAC

Measurements Amps (A), Current AC, Kilowatts (kW), kWh, Volt-Amp Reactive, Volt-Amp Reactive hour, Voltage AC, Watt Hours (Wh), Watts (W)

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**Add Current Transformer(s)** 50 Amp Split-Core Current Transformer 333mV Sensor - 20mm Opening

## Additional Options