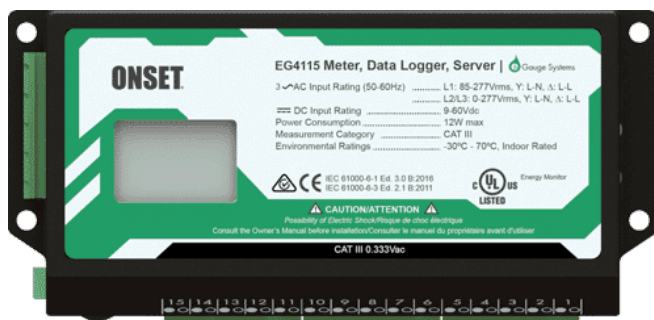




DISCONTINUED: Onset EG4115 Core - 15 Channel Energy Meter & Data Logger

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

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.
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Ethernet:	IEEE 802.3 - LAN
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User Interface

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

Material:	FRABS
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Dimensions:	17 x 8 x 4.6cm (6.7 x 3.15 x 1.81in)
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Weight:	300g (0.66lbs)
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Warranty Standard:	2 years
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Promotion	This product has been discontinued. See our full range of Energy Loggers
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Brand	HOB0
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Channel(s)	15
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Typical applications	Building Monitoring, Datalogging, Energy, Environmental (Indoor), HVAC
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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