

EG4115

## EG4115 Core - 15 Input Meter Data Logger

Discontinued

The EG4115 Core is a 15-channel energy meter with 0

### Important Information

The EG4100 Series comes with built-in web server and graphical software.



### Supported Measurements

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

### Features

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

### Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email [sales@onsetcomp.com](mailto:sales@onsetcomp.com)
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support [www.onsetcomp.com/support/contact](http://www.onsetcomp.com/support/contact)
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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## EG4115 Core - 15 Input Meter Data Logger (EG4115) Specifications

### Measurement

|                        |                                                                 |
|------------------------|-----------------------------------------------------------------|
| <b>AC Voltage:</b>     | L1: 85-277 Vrms<br>L2: 0-277 Vrms<br>L3: 0-277 Vrms             |
| <b>DC Voltage:</b>     | 42 Vrms<br>Power: 9-60 Vdc<br>Measurement: +/-60 Vdc            |
| <b>Current:</b>        | 15 channels<br>5-6900A max per channel<br>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                                             |

### Environmental

|                          |                                |
|--------------------------|--------------------------------|
| <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                              |

### Data Logger Capacity

|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| <b>Register Count:</b> | 64 (data storage points)                                     |
| <b>Granularity:</b>    | 1 hour/1 second                                              |
| <b>(duration/avg)</b>  | 1 year/1 minute<br>10 yrs/15 minute<br>Device Lifetime/1 Day |

### Safety and Regulatory

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

### Communication

|                     |                                                                        |
|---------------------|------------------------------------------------------------------------|
| <b>Homeplug AV:</b> | Compatible with Homeplug AV-adapter within ~100ft. on same phase as L1 |
| <b>Ethernet:</b>    | IEEE 802.3 - LAN                                                       |

### User Interface

|                                                                            |                                                                                                                     |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Compatible Browsers:</b><br><b>(Only up-to-date versions supported)</b> | Google Chrome<br>Firefox<br>Safari<br>Internet Explorer<br><a href="http://www.onsetcomp.com">www.onsetcomp.com</a> |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|

Enclosure

|                    |                                         |
|--------------------|-----------------------------------------|
| Material:          | FRABS                                   |
| Dimensions:        | 17 x 8 x 4.6cm<br>(6.7 x 3.15 x 1.81in) |
| Weight:            | 300g (0.66lbs)                          |
| Warranty Standard: | 2 years                                 |