



# eGauge Core Specifications

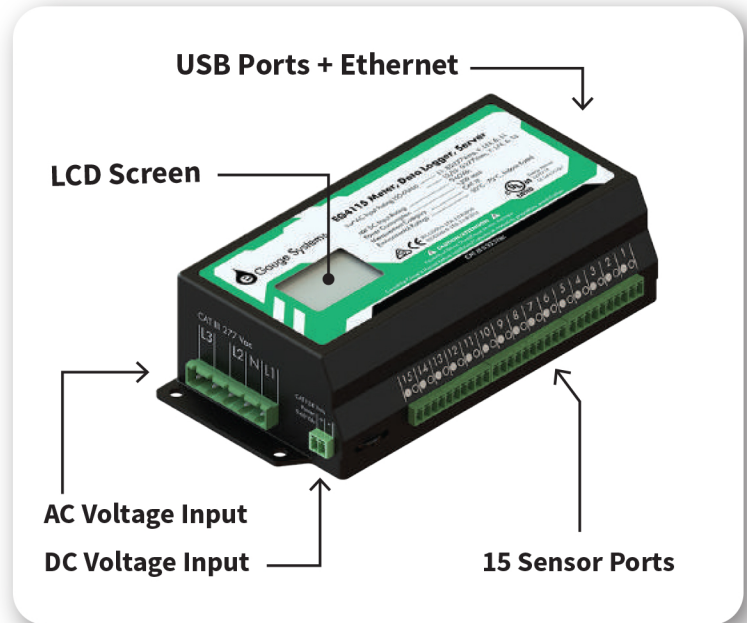
Model: EG4115

## Measurement

<b>AC Voltage:</b> (Y: L-N, Δ: L-L)	L1: 85-277 Vrms L2: 0-277 Vrms L3: 0-277 Vrms
<b>DC Voltage:</b>	42 Vrms Power: 9-60 Vdc Measurement: -60-60Vdc
<b>Current:</b>	15 sensor ports 6900A max Sensor ports isolated from digital and high voltage
<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 2 5V USB Ports @ 1A max
<b>Accuracy:</b>	ANSI C12.2 - 0.5% Compliant

## Environment Conditions

<b>Operating Temp:</b>	-30° to 70°C (-22° to 158°F)
<b>Max Altitude:</b>	4000m (13,123ft)
<b>Max Humidity:</b>	80% up to 31°C
<b>Meas. Category:</b>	Overtoltage 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> (duration/avg)	1 hr/1 sec 1 yr/1 minute 10 yrs/15 minute 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 IEC 61000-6-3 Ed. 2.1 B:2011
<b>FCC:</b>	FCC Title 47 CFR Part 15- Subpart B Class B ICES-003 Information Technology- Equipment Class B

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## General

**Warranty:** 2 years, 5 years

## Network Connection

**Homeplug AV:** Compatible with HomePlug AV adapter within ~100ft. on same phase as L1 terminal

**Ethernet:** IEEE 802.3 - LAN

**WiFi/Cellular:** Optional with USB accessory

## Data Communication

**Import:** Modbus RTU, Modbus TCP, BACnet/IP, XML

**Export:** Modbus RTU, Modbus TCP

## User Interface

**Compatible browsers:** Google Chrome  
Firefox  
*(Only up-to-date versions supported)* 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)

## Dimensions *([in.] mm)*

