

eGauge Core Specifications

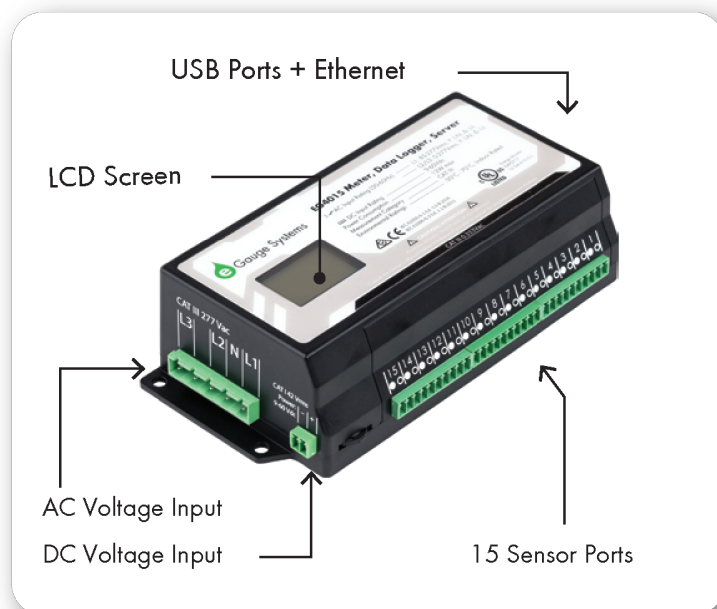
Model: EG4015

Measurement

| | |
|--|--|
| AC Voltage: (Y: L-N, Δ: L-L) | L1: 85-277 Vrms L2: 0-277 Vrms L3: 0-277 Vrms |
| DC Voltage: | 42 Vrms Power: 9-60 Vdc Measurement: -60-60Vdc |
| Current: | 15 sensor ports 6900A max Sensor ports isolated from USB, Ethernet and voltage inputs |
| Frequency: | 50 or 60 Hz |
| Logging Values: | V, A, W, Wh, Hz, VA VAr, THD, deg |
| Power Draw: | 12W max, 2W typical 2 5V USB Ports @ 1A max |
| Accuracy: | ANSI C12.20 - 0.5% Compliant |

Environment Conditions

| | |
|--------------------------|------------------------------|
| Operating Temp: | -30° to 70°C (-22° to 158°F) |
| Max Altitude: | 4000m (13,123ft) |
| Max Humidity: | 80% up to 31°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 hr/1 sec 1 yr/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 |

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General

Warranty: 2 years, 5 years

Network Connection

Powerline: None

Ethernet: IEEE 802.3 - LAN

WiFi/Cellular: Optional with USB accessory

Data Communication

Import: Modbus RTU*, Modbus TCP

Export: Modbus RTU*, Modbus TCP, BACnet IP, BACnet MS/TP*, XML

* Requires USB485 converter

User Interface

Compatible browsers: Google Chrome, Firefox, Safari, Microsoft Edge
(Only up-to-date versions supported)

Apps: Android & IOS

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)^v

