

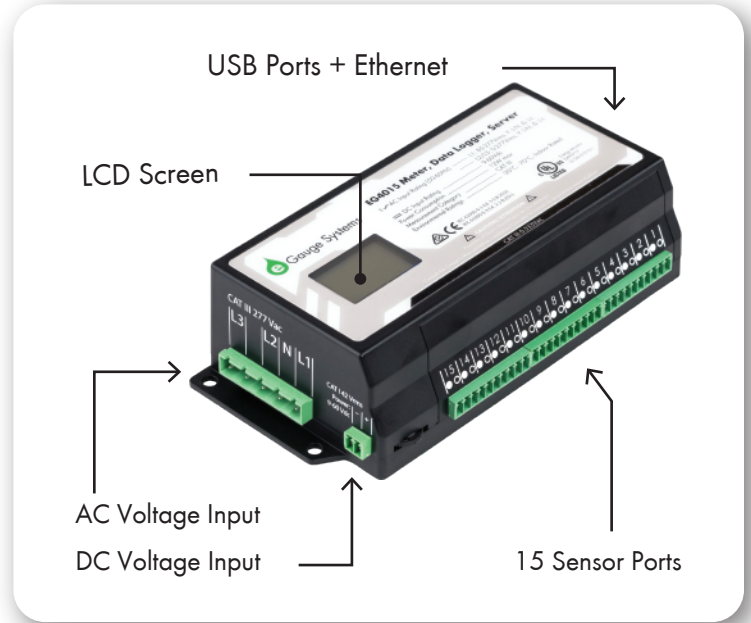


# eGauge Core Specifications

Model: EG4015

## Measurement

- AC Voltage:** L1: 85 Vac - 277 Vac  
(Y: L-N, Δ: L-L) L2: 0 Vac - 277 Vac  
L3: 0 Vac - 277 Vac
- DC Voltage:** Max: 42 Vac  
Power: 9 Vdc - 60 Vdc  
Measurement: ±60 Vdc
- Current:** 15 sensor ports  
6900 A maximum  
Sensor ports isolated from  
USB, Ethernet and voltage inputs
- Frequency:** 50 Hz or 60 Hz
- Logging Values:** V, A, W, Wh, Hz, VA  
VA<sub>r</sub>, THD, degrees
- Power Draw:** Total: 12 W maximum, 2 W typical  
2x USB 2.0 ports at 5 W maximum
- Accuracy:** ANSI C12.20 - 0.5% Compliant



## Environment Conditions

- Operating Temp:** -30 °C - 70 °C  
(-22 °F - 158 °F)
- Max Altitude:** 4000 m (13,123 ft.)
- Max Humidity:** 80% up to 31 °C (87.8 °F)
- Meas. Category:** Overvoltage Category III
- Location:** Open type indoor device
- Pollution Degree:** 2

## Data Logger Capacity

- Register Count:** 64 (data storage points)
- Granularity:** 1 hour / 1 second  
(retention / gran.) 1 year / 1 minute  
10 years / 15 minutes  
Meter Lifetime / 1 day

## Safety and Regulatory

- Safety:** IEC/UL 61010-1 Ed. 3.0
- 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



# eGauge Core Specifications

## General

**Warranty:** 2 years or 5 years

## Network Connection

**Ethernet:** IEEE 802.3 – LAN

**WiFi:** Available on EG42xx meters

**Cellular:** Optional with external modem

## Data Communication

**Import:** Modbus RTU\*, Modbus TCP

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

\* Requires USB485 converter

## User Interface

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

**Apps:** Android & IOS

## Enclosure

**Material:** FRABS

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

**Weight:** 261 g (0.57 lb)

## Dimensions ([in.] mm)

