

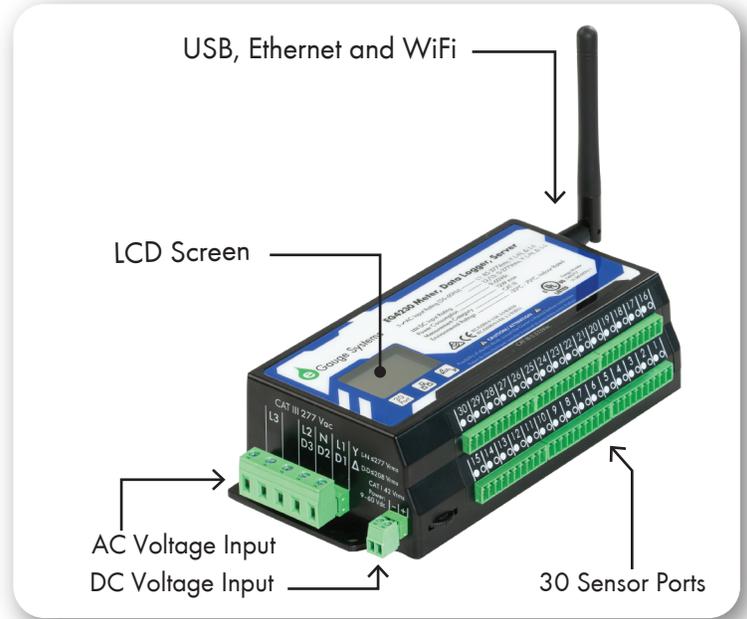


eGauge Pro WiFi Specifications

Model: EG4230

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:** 30 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
VAr, 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



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General

Warranty: 2 years or 5 years

Network Connection

Ethernet: IEEE 802.3 – LAN

WiFi: IEEE 802.11n/b/g 2.4 GHz

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

Onboard LCD: 30 mm x 20 mm (84 x 48 px)

Adjustable font:

- 3.6mm or 0.14 in
- 4.5mm or 0.18 in
- 7.2mm or 0.28 in

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: 309 g (0.68 lb)

Dimensions ([in.] mm)

