

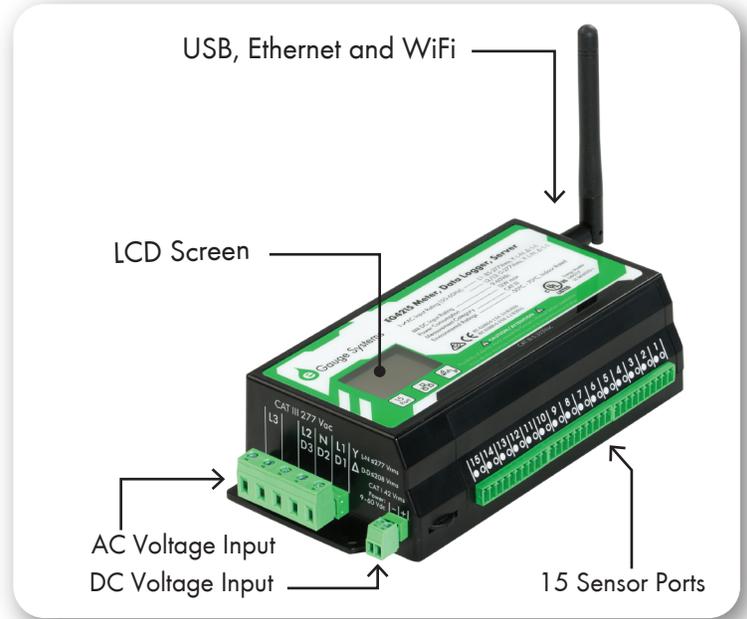


eGauge Core WiFi Specifications

Model: EG4215

Measurement

AC Voltage: (Y: L-N, Δ: L-L)	L1: 85 Vac – 277 Vac 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 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:	Overtoltage Category III
Location:	Open type indoor device
Pollution Degree:	2

Data Logger Capacity

Register Count:	64 (data storage points)
Granularity: (retention / gran.)	1 hour / 1 second 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: 293 g (0.64 lb)

Dimensions ([in.] mm)

