



eGauge Core WiFi Specifications

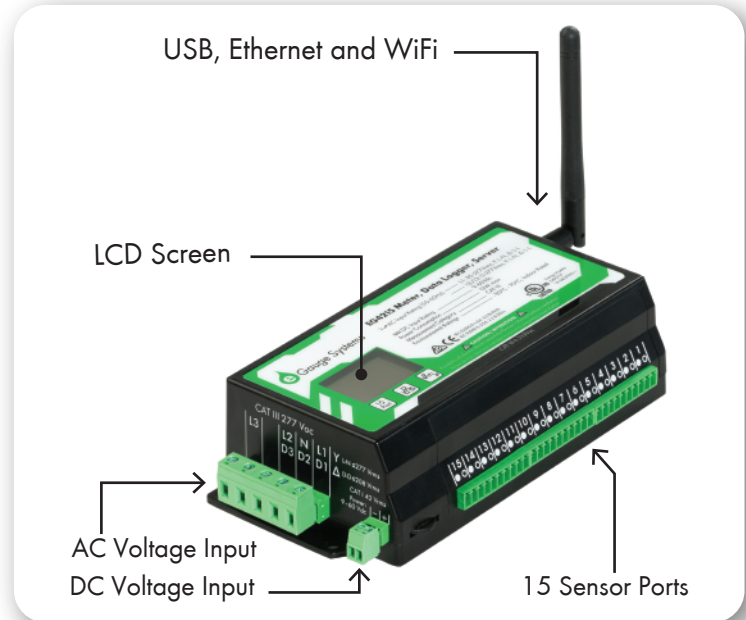
Model: EG4215

Measurement

AC Voltage: (Y: L-N, Δ: L-L)	L1: (85 to 277) Vrms L2: (0 to 277) Vrms L3: (0 to 277) Vrms
DC Voltage:	Max: 42 Vrms Power: (9 to 60) Vdc Measurement: ± 60 Vdc
Current:	15 sensor ports 6900 A max 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, deg
Power Draw:	Total: 12 W max, 2 W typical 2x USB 2.0 ports at 5 W max
Accuracy:	ANSI C12.20 – 0.5% Compliant

Environment Conditions

Operating Temp:	-30 °C to 70 °C (-22 °F to 158 °F)
Max Altitude:	4000 m (13,123 ft.)
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: (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/Cellular: Optional with USB/Ethernet accessory

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: 293 g (0.64 lbs)

Dimensions ([in.] mm)

