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

USB Ports + Ethernet

LCD Screen

AC Voltage Input

DC Voltage Input

15 Sensor Ports
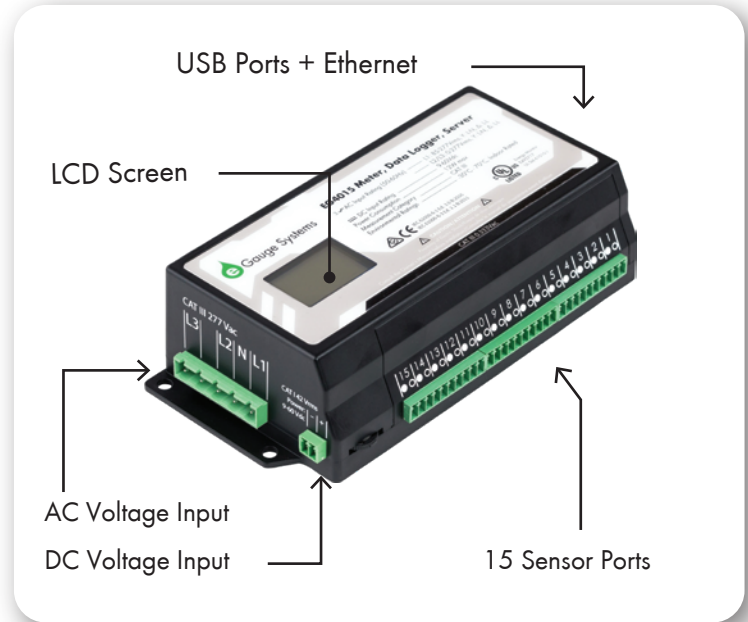
Environment Conditions

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

eGauge Core Specifications

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