eGauge Pro/Core *(EG4130/EG4115)*

Measurement

AC Voltage:	L1: 85-277 Vrms
(Y: L-N, Δ: L-L)	L2: 0-277 Vrms
	L3: 0-277 Vrms
DC Voltage:	42 Vrms
	Power: 9-60 Vdc
	Measurement: +/- 60Vdc
Current:	30/15 sensor ports
	0-6900A
	Sensor ports isolated from digital and high voltage
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 C12.2 - 0.5% Compliant

Data Logger Capacity

Register Count:	64 (data storage points)
Granularity:	1 hr/1 sec
(duration/avg)	1 yr/1 minute
	10 yrs/15 minute
	Device Lifetime/1 day

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

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

Data Protocols

*See Comparison Table

Network Connection

Homeplug AV:	Compatible with HomePlug AV adapter within ~100ft. on same phase as L1 terminal
Ethernet:	IEEE 802.3 - LAN

User Interface

Compatible browsers:	Google Chrome
	Firefox
(Only up-to-date versions supported)	Safari
	Internet Explorer

Enclosure

Material:	FRABS
Dimensions:	17 x 8 x 4.6cm
	(6.7 x 3.15 x 1.81in)
Weight:	300g (0.66lbs)

General

Warranty:	2 years, 5 years

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The eGauge combines an energy meter, data logger, and web server. This powerful combination lets you measure, store, and retrieve data directly from a local network or from a remote location via the Internet. Not only does it calculate power (V, A, VAr, kWh, etc), but also records data from optional sensors that assess flow rate, temperature, wind speed, and more. You can view historical and live data for the lifetime of the hardware with the unit's convenient user interface (UI). Users have access to real-time values, long-term reports, an interactive graphical interface, and many other tools. The best part is that you pay nothing for the user interface because you retrieve data directly from your own eGauge hardware, not a cloud or 3rd party host.
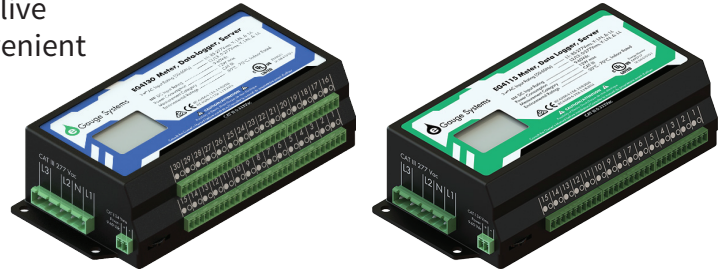
		eGauge Pro	eGauge Core
	Model Number	EG4130	EG4115
	Applications	Residential/Commercial/Industrial	
Measurement	**Sensor Ports**	30	15
	AC Voltage	L1, L2, L3, N (< 277 Vrms L-N, L-L)	
	DC Voltage	Input Power: 9-60 Vdc, Measurement: +/-60Vdc	
	Renewable Energy Production	Yes	
	Data Logger	64 Data Points, Lifetime	
	Accuracy Compliance	ANSI C12.20 (+/-0.5%)	
Data/Networking	**Local Network and Internet Accessible**	Yes	
	LCD Screen	Yes	
	USB	2 Ports	
	Ethernet	Yes	
	HomePlug (PLC)	Yes	
	WiFi	Optional	
	Cellular	Optional	
	Communication Export*	Modbus RTU, Modbus TCP, BACnet/IP, XML	
	Communication Import*	Modbus RTU, Modbus TCP	
General	**Dimensions**	80mm x 170mm x 46mm (3.15" x 6.69" x 1.81")	
	Weight	0.65 lbs	0.60 lbs
	Country of Origin	US	

*May require a USB to RS485 converter