



eGauge Pro/Core (EG4130/EG4115)

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: +/- 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: (duration/avg)	1 hr/1 sec 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: (Only up-to-date versions supported)	Google Chrome Firefox Safari Internet Explorer
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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. All eGauges are made locally in Boulder, CO.



		eGauge Pro	eGauge Core
Measurement	Model Number	EG4130	EG4115
	Applications	Residential/Commercial/Industrial	
	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 Output*	Modbus RTU, Modbus TCP, BACnet/IP, BACnet MS/TP, XML	
	Communication Input*	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