



**eGauge Systems**

**Status**

blue : eGauge up  
green: HomeLink up  
red : See manual

<http://gauge.net/support/>

blue : eGauge active  
green: HomeLink active  
red : Consult the manual

**ANSI C12.20 - 0.5%**  
**Revenue Grade Accuracy Compliant**

Device Name:

CONFORMS TO  
IEC 61010-1  
CERTIFIED TO CAN/CSA  
STD C22.2 No. 61010-1

**CAUTION**

Consult manual for safety information.  
Consulter le manuel pour les informations de sécurité

**WARNING: Always be wired to multiple breakers. Open all breakers before servicing equipment.**  
**ATTENTION: Ce dispositif peut être raccordé à plusieurs sources d'énergie. Déconnectez tous les fusibles avant toute intervention.**

CAT III 277V ac  
L3 L2 N L1

Do not use  
Do not use  
Do not use  
Do not use  
Do not use  
Do not use  
Do not use  
Do not use  
Do not use  
Do not use  
Do not use  
Do not use

CT input terminals: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

# Revenue Grade Accuracy

*ANSI C12.1 - 1% or C12.20 - 0.5%*  
*Accuracy Compliant*

- ## Hardware Options:

## eGauge3 Series

EG3010

## Power-line communication and Ethernet hardware

EG3000

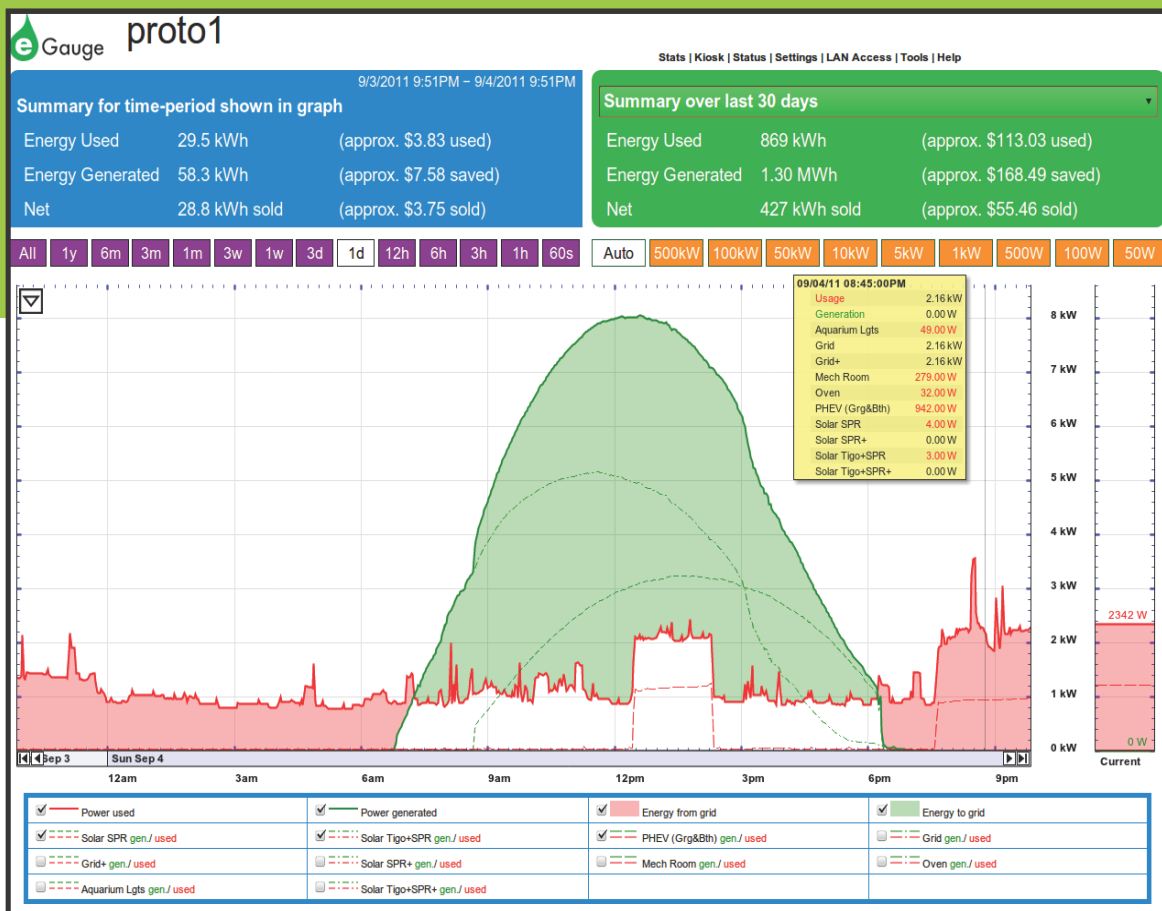
Ethernet hardwire only

## New Features:

- Remote device additions (Modbus RTU)
- Accu-CT integration (revenue grade c0.6)
- Factory reset button
- Automatic Homeplug pairing
- eGuard Manager updates
- + Production/consumption totaling
- + Mapping of installation locations



**For more information contact:**  
**Sales@eGauge.net - 877.342.8431 ext1**



## General

Power usage: 2.5W typical  
 Warranty: 2 year or 5 year  
 Logging Values: V, A, W, Wh, Hz, VA, VAR, THD, deg

## Measurement Capacity

Voltage: Up to 480Vac, 3 channels,  
 85 - 277V (L1)  
 0 - 277V (L2, L3)  
 Current: 12 channels, up to 4800A  
 Power: any voltage/current combination  
 Frequency: 50 or 60 Hz

## Environmental Conditions

Operating Temp: -30°C to 50°C (-22°F to 122°F)  
 Max Altitude: 4000m (13,000 ft)  
 Max Humidity: 80% up to 31°C  
 Meas. Category: III (fixed installation)  
 Location: indoor or outdoor (in enclosure)  
 Pollution Degree: 2

## Enclosure

Material: flame-retardant ABS (UL94-V0)  
 Size: 176x85x30mm<sup>2</sup> (7"x3.4"x1.2")  
 Weight: 220g (8oz)

## Regulatory

Safety: Conforms to UL STD 61010-1  
 Certified to CAN/CSA STD C22.2  
 No. 61010-1  
 Lead-free and RoHS compliant  
 FCC: CISPR 11 Group 1 class B,  
 FCC 47CFR 15 class B  
 CE

## Requirements

- Homeplug AV adapter within approx. 50ft of main unit
- Compatible web browser:
  - + Google Chrome
  - + Firefox 2+
  - + Safari 3.1+
  - + Internet Explorer 7+
  - + Any browser with JavaScript and SVG or CANVAS Support
- For internet-connection operation;
  - > 256 Kbps upload speed

## eGuard Manager

- Allows installers to view multiple systems on one screen
- Proactive customer service tool for trouble shooting and performance verification
- Email and SMS Alerts (user defined)
- Web-enabled parameter sorting
- Tool for monthly billing, PPA, O&M, and sub-metering
- Multiple user / restricted access support with sub-group organization

				Average Power [W]			
				Since midnight		Last 24hrs	
	Name	Con	Avail Tmp	Gen	Use	Gen	Use
	Arbco	100%	54°C	n/a	n/a	n/a	n/a
	BVSDARidge	100%	55°C	n/a	n/a	n/a	n/a
	BVSDHPeaks	100%	50°C	4	4	1217	1217
	BVSDMesa	97%	37°C	1	4	1032	722
	BVSDNVista	100%	44°C	4	n/a	519	519
	BVSDThorne	99%	54°C	7	19	995	485
	BauhsHouse	100%	42°C	2	1	397	397
	CasaEldorado	99%	50°C	n/a	38	n/a	519
	David	0%	56°C	1	1	1681	1681
	EGVan	100%	48°C	5	3	1470	1470
	ERCaboVilla301	98%	52°C	n/a	77	n/a	1519