

eGauge

capture your footprint [tread lightly]

REAL-TIME WEB-BASED
ENERGY MONITOR FOR
RENEWABLE ENERGY
BUILDING DEMAND
AND SUB LOADS



Key Features and Benefits

- Measures electric AC power on up to 12 circuits:
 - building-demand/consumption
 - renewable energy production (e.g., PV solar, wind)
 - individual appliances, such as geothermal pumps, AC, fridge
- Built-in web server
- Fully web-configurable
- Built-in solid-state memory retains up to 30 years of data
- Internet-enabled but can also operate autonomously without Internet
- Free life-time firmware upgrades
- No service contracts
- No maintenance
- No batteries to replace
- Windows, Mac, Linux, & smart-phone compatible
- For residential, commercial, municipal, and industrial use
- Google PowerMeter-enabled
- BACnet compatible
- FCC and UL-61010 compliant
- Lead-free and RoHS-compliant
- See real time devices at www.egauge.net/devices/
- Made in USA

FC

RECOGNIZED
COMPONENT

Intertek
4000691

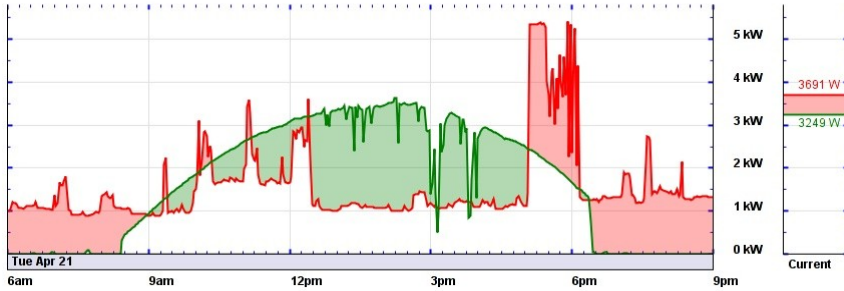
CONFORMS TO
UL STD 61010-1

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

www.egauge.net
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877 342 8431

Power Consumption/Generation

Time range: Tue Apr 21, 6:00 AM - Tue Apr 21, 9:00 PM (Energy: 24.6 kWh generated, 23.5 kWh used, -1.1 kWh net)
 Time zoom: Max 1y 31d 7d 4d 2d 1d 6h 1h Power zoom: Auto 200kW 100kW 50kW 10kW 5kW 1kW 500W 100W 50W



Power used	Power generated	Energy from grid	Energy to grid
Solar gen./used	Drawer Fridge gen./used		

General

Power usage: 3W typical
 Warranty: 3 month or 5 year

Measurement Capacity

Voltage: 3 channels, 85-277V (L1), 0-277V (L2, L3)
 Current: 12 channels
 Power: any voltage/current combination

Environmental Conditions

Operating temp: -30°C – 50°C (-22°F – 122°F)
 Max altitude: 4000m (13,000ft)
 Max humidity: 80% up to 31°C, derated to 50% at 40°C
 Meas. Category: III (fixed installation)
 Location: indoor or outdoor (in enclosure)
 Max. Pollution degree: 2

Enclosure

Material: flame-retardant ABS (UL94-V0)
 Size: 176×85×30mm3 (7"×3.4"×1.2")
 Weight: 220g (8oz)

Regulatory

Safety: Conforms to UL STD 61010-1
 Certified to CAN/CSA STD C22.2 No. 61010-1
 (ETL report #100097614DEN-001)
 FCC: CISPR 11 Group 1 class B
 FCC 47CFR part 15 class B
 (ETL report #100036440DEN-001)
 FCC (BPL): FCC Docket No. 04-37
 (ETL report #31800770DEN-001)

REQUIREMENTS

- HomePlug within ~ 100ft of main unit
- Compatible web browser:
 - Google Chrome
 - Firefox 2+
 - Safari 3.1+
 - Internet Explorer 7+
 - Any other browser with JavaScript and SVG or Canvas support
- For Internet-connected operation:
 - ≥256 Kbps upload speed

eGuard Manager

- Allows installers to view multiple systems on one screen
- Email alerts when system is off line or when installer parameters are triggered
- Proactive customer service tool for trouble shooting and performance verification
- Allows for monthly billing and PPA contacts

Name	Con	Avail	Tmp	TX	Rev	Average Power [W]							
						Since midnight		Last 24hrs		Week		Month	
						Gen	Use	Gen	Use	Gen	Use	Gen	Use
David	●	100%	52°C	11.3	0.75	172	1150	864	1096	1063	1143	1213	1193
PVfarm	●	100%	42°C	9.2	0.75	338	978	1079	1041	1075	948	1105	1146
eGauge1	●	100%	0°C	4.8	0.76	73	1151	737	1349	673	1370	697	1391
eGauge2	●	100%	0°C	7.0	0.68	n/a	972	n/a	1143	n/a	1234	n/a	1289
eGauge4	●	100%	43°C		0.60	551	8730	2189	11817	1921	9886	1913	10817
eGauge5	●	98%	39°C	11.3	0.74	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
eGauge6	●	0%	48°C	7.9	0.73	n/a	562	n/a	1689	n/a	1273	n/a	1121
eGauge7	●	94%	35°C		0.56	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a