



GAUGE

capture your footprint [tread lightly]

REAL-TIME WEB-BASED ENERGY MONITOR



RECOGNIZED COMPONENT
 CONFORMS TO
 UL STD 61010-1
 CERTIFIED TO CAN/CSA
 STD C22.2 No. 61010-1



HOA's /AOAO's/Apartments/ MUD
 There is now a Common Solution
 for Common area Ev Charging.
 TRACK THE KWH USAGE

Key Features and Benefits

- Measures electric power on up to 12 circuits:
 - Building demand/consumption
 - Renewable energy production
 - Sub-metering and individual circuits
- Potential transformer integration for higher voltage systems
- Built-in web server
- 16 recorded register values expandable to 128 registers
- Multi layered password protection and information hiding
- Fully web-configurable
- CSV export & data API
- URI data push available/open API
- Built-in solid-state memory and data logger:
 - 1 minute granularity for current year
 - 30 minute granularity for 29 years
- Internet-enabled or stand-alone operation
- Remote device support:
 - Team multiple EVGauge units
 - Weather station & inverter readout via RS485
- Free lifetime firmware upgrades
- No service contracts
- No maintenance
- Windows, Mac, Linux, & smart-phone compatible
- For residential, commercial, municipal, and industrial use
- BACnet compatible
- Made in USA - ARRA "Buy American compliant"
- Custom software development/skinning & OEM services
- See real time devices at www.evgaug.com

New Features

- 1 second granularity for 10 minutes
- Multiple user/restricted access support
- Self-powered Rogowski coil "rope" CT integration
 - 20 - 4800A
 - +/- 1% linearity
- DC current sensors
- SMS/email alerts:
 - Device status notifications
 - User defined formulas
- FFT analysis
- Logging capability of non-power values:
 - THD
 - VAR
 - deg
- EVGauge Manager updates:
 - Multiple user access
 - Sub-group organization
 - Installation site name/information control
 - Web-enabled parameter sorting

www.evgaug.com
 1.866.647.5638

9/3/2011 9:51PM - 9/4/2011 9:51PM

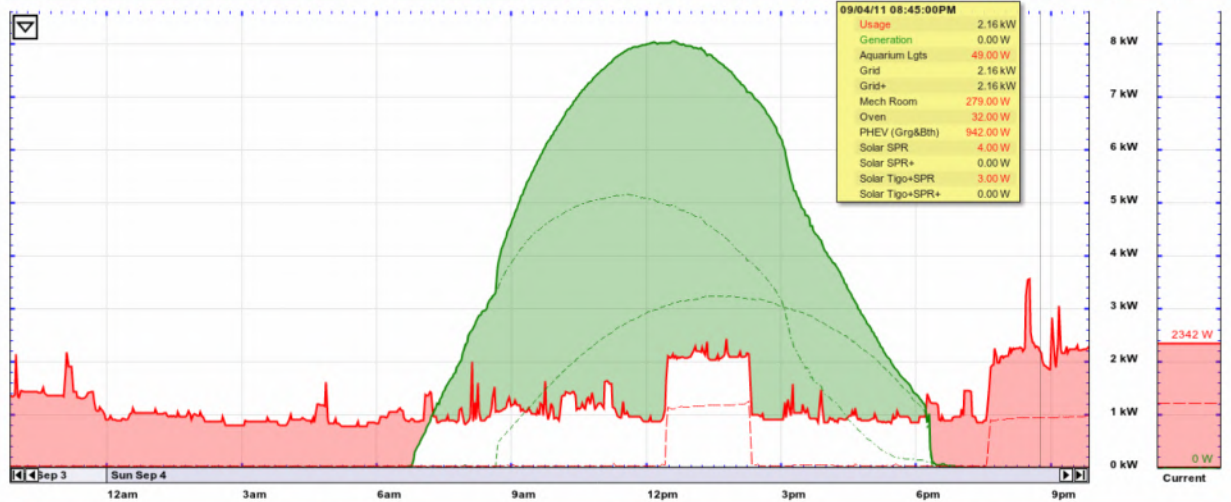
Summary for time-period shown in graph

Energy Used	29.5 kWh	(approx. \$3.83 used)
Energy Generated	58.3 kWh	(approx. \$7.58 saved)
Net	28.8 kWh sold	(approx. \$3.75 sold)

Summary over last 30 days

Energy Used	869 kWh	(approx. \$113.03 used)
Energy Generated	1.30 MWh	(approx. \$168.49 saved)
Net	427 kWh sold	(approx. \$55.46 sold)

All 1y 6m 3m 1m 3w 1w 3d 1d 12h 6h 3h 1h 60s Auto 500kW 100kW 50kW 10kW 5kW 1kW 500W 100W 50W



<input checked="" type="checkbox"/> Power used	<input checked="" type="checkbox"/> Power generated	<input checked="" type="checkbox"/> Energy from grid	<input checked="" type="checkbox"/> Energy to grid
<input checked="" type="checkbox"/> Solar SPR gen./used	<input checked="" type="checkbox"/> Solar Tigo+SPR gen./used	<input checked="" type="checkbox"/> PHEV (Grg&Bth) gen./used	<input checked="" type="checkbox"/> Grid gen./used
<input checked="" type="checkbox"/> Grid+ gen./used	<input checked="" type="checkbox"/> Solar SPR+ gen./used	<input checked="" type="checkbox"/> Mech Room gen./used	<input checked="" type="checkbox"/> Oven gen./used
<input checked="" type="checkbox"/> Aquarium Lgts gen./used	<input checked="" type="checkbox"/> Solar Tigo+SPR+ gen./used		

General

Power usage: 3W typical
 Warranty: 2 year or 5 year

Measurement Capacity

Voltage: Up to 480 Vac, 3 channels, 85-277V (L1), 0-277V (L2, L3)
 Current: 12 channels
 Power: any voltage/current combination

Logging values

V,A,W,Wh,HZ,VA,VAR,THD,deg

Environmental Conditions

Operating temp: -30°C to 50°C (-22°F to 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)
 Pollution degree: 2

Enclosure

Material: flame-retardant ABS (UL94-V0)
 Size: 176x85x30mm³ (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 part 15 class B
 FCC (BPL): FCC Docket No. 04-37
 CE

Requirements

- HomePlug 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 (HTML5) support
- For Internet-connected operation: ≥256 Kbps upload speed

EVGauge Manager (free web-based service)

- Allows installers to view multiple systems on one screen
- Email alerts
- Proactive customer service tool for trouble shooting and performance verification
- Tool for monthly billing, PPA, O&M, and sub metering

				Average Power [W]			
				Since midnight		Last 24hr	
Name	Con	Avail	Temp	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	720
BVSDNVista	●	100%	44°C	4	n/a	519	n/a
BVSDThorne	●	99%	54°C	7	19	995	495
BauhsHouse	●	100%	42°C	2	1	397	n/a
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	1681



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