REAL-TIME WEB-BASED ENERGY MONITOR

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, & smartphone 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.evgauge.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

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

www.evgauge.com
1.866.647.5638
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 (13,000 ft)
Max humidity: 80% up to 31°C damper 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: 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
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:
  ≥236 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

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