

Exclusive Irish Distribution rights



# Auditor 6M

Electricity monitoring  
for the IoT age



**Wattwatchers brought circuit level electricity monitoring to market with the award winning Auditor series.**

Wattwatchers' cellular devices provide reliable electricity monitoring for residential and commercial applications using the cloud application of your choice.

Integrating Wattwatchers products into your solution provides granular, reliable monitoring and data access flexibility.

- Applications include:
- Solar monitoring and DER integration
- Building performance and submetering
- Utility services
- Home Energy Management

We're always looking for new use-cases so contact us to discuss your application of the Auditor 6M.

## Features

- Real-time energy monitor leveraging cellular communications
- Up to 6 channels of measurement
- Revenue-grade (Class 1 accuracy)
- Suitable for single, two and three phase applications
- Two-pole, 35mm DIN package
- Domestic, commercial and industrial applications
- Device Management System for over-the-air configuration

## Options

- Switching for up to three independent circuits via external relay
- Modbus connectivity (coming 4Q2018)

**With exclusive distribution rights, contact Activ8 Solar Energies for more information on Wattwatchers**

## Specifications

# Auditor 6M

<b>Communications</b>	GSM/GPRS/EDGE: Quad band 850/900/1800/1900MHz UMTS/HSPA+: Five band 800/850/900/1900/2100MHz; external antenna
<b>Power Supply</b>	Built in (operates from phase 1) universal power supply
<b>Measurement channels</b>	Up to 6 depending on configuration
<b>Hosting</b>	Wattwatchers (API, applications) hosted on AWS
<b>Device Management</b>	Wattwatchers supports a range of device management features including: Firmware updates Remote network diagnostics Configurable reporting rate
<b>Measurement interval</b>	5 to 150 seconds (configurable)
<b>Energy logging</b>	5 minute intervals; servers request logged data
<b>Logged values</b>	Real and reactive power, min and max voltage and current, frequency
<b>Logging period</b>	30 days of 5 minute data for 6 channels  The log is kept current, and used after an operational device has been offline.
<b>Reporting interval</b>	Default 30 seconds, configurable between 5 to 150 seconds
<b>Report contents</b>	Real, reactive energy, voltage, current, frequency
<b>Data volume</b>	18MB/month (30 second data, indicative only)
<b>Protocol</b>	Wattwatchers (see WW-AN002)
<b>Voltage connections</b>	Four pin connector supports three phases and neutral Phase 1 and Neutral are required to power the device and sense P1; Phase 2 and Phase 3 are for measurement only.
<b>Current sensing</b>	Standard CTs: 60A, 120A, 400A, 600A field interchangeable 3000A Rogowski coils must be pre-configuration
<b>Configuration</b>	No network configuration required at install time. All APN settings pre-configured
<b>Product Certifications &amp; Markings</b>	Wattwatchers is a 'Responsible Supplier' under the Electrical Regulatory Authorities Council (ERAC) in Australia - Supplier Code E5258.  This Wattwatchers product: <ul style="list-style-type: none"><li>- Conforms with all relevant Australian, New Zealand and US standards</li><li>- Is certified for network connection to the 3G AT&amp;T cellular network in the US (PTCRB)</li><li>- Conforms with a range of other international Standards relevant to the European Economic Community (including the UK)</li><li>- Carries a number of marks (UL, CE, FCC) for which NATA registered laboratories have issued test reports</li></ul> <b>We recommend that customers always check conformity against their own jurisdictional, use case or other requirements.</b> <b>For more information: Speak to Activ8 Solar Energies by calling 042 939 0652 or email <a href="mailto:info@activ8energies.com">info@activ8energies.com</a>.</b> <b>Also, see our guide - Wattwatchers Certifications and Markings.</b>