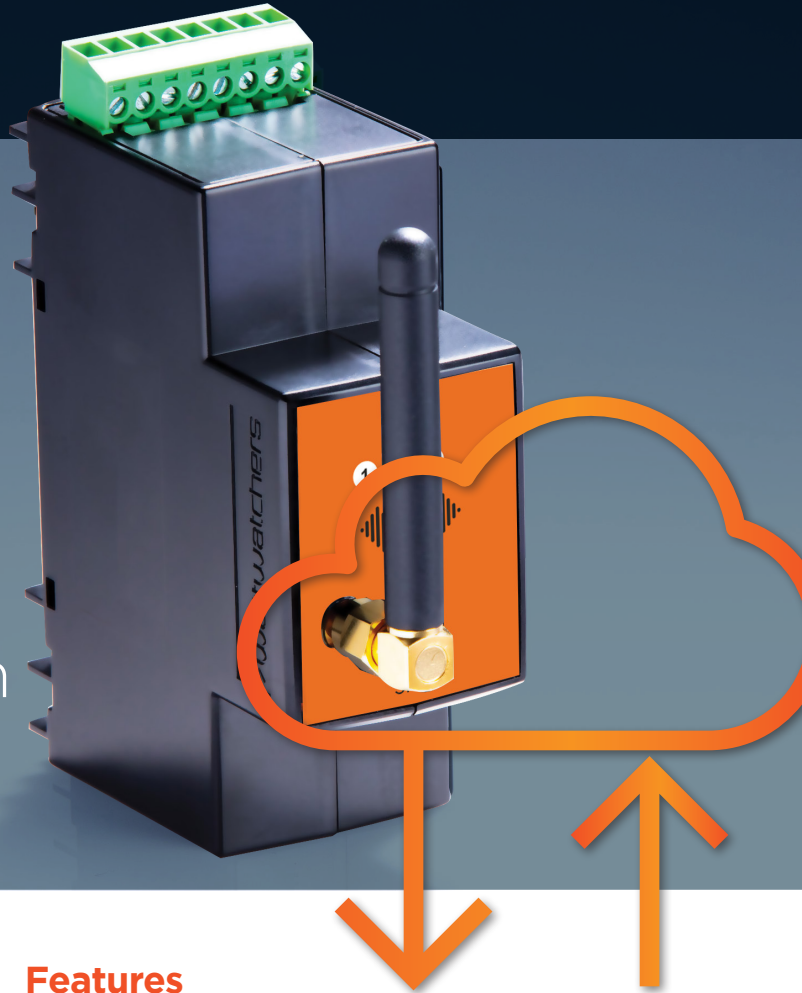




wattwatchers
DIGITAL ENERGY



Auditor 3R

Deep insights into electricity consumption for industry

Cost-effective monitoring for large loads, web-enabled out-of-the-box

Wattwatchers' industrial monitoring devices provide reliable electricity monitoring for 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:

- Large-scale solar monitoring for rooftop and ground-mounted systems and DER integration
- Energy monitoring at C&I sites; high current grid connections and large internal circuits including tenant risers in high-rise buildings
- Monitoring large plant items like co-gen, compressors and drive systems
- Sites with physically large busbars where split-core transformers are not cost-effective.

We're always looking for new use cases so contact us to discuss your application of the Auditor 3R. The 3R leverages cellular connectivity and can monitor loads up to 3000A.

Features

- Real-time electricity monitoring, leveraging cellular communications networks
- Up to 3 channels of measurement
- Revenue-grade (Class 1 accuracy)
- Suitable for single, two and three-phase applications
- Two-pole, 35mm DIN package
- Rogowski coil 100mm opening width
- Commercial and industrial applications
- Device Management System for over-the-air configuration
- Web-based dashboard included; use the application of your choice, by connecting with the Wattwatchers Energy Data Hub

Specifications

Auditor 3R

Communications	GSM/GPRS/EDGE: Quad band 850/900/1800/1900MHz UMTS/HSPA+: Five band 800/850/900/1900/2100MHz; external antenna
Power Supply	Built in (operates from phase 1) universal power supply
Measurement channels	Up to 3 independent channels
Hosting	Wattwatchers (API, applications) hosted on AWS
Device Management	Wattwatchers supports a range of device management features including: Firmware updates Remote network diagnostics Configurable reporting rate
Measurement interval	5 to 150 seconds (configurable)
Energy logging	5 minute intervals; servers request logged data
Logged values	Real and reactive power, min and max voltage and current, frequency
Logging period	30 days of 5 minute data for 3 channels The log is kept current, and used after an operational device has been offline.
Reporting interval	Default 30 seconds, configurable between 5 to 150 seconds
Report contents	Real, reactive energy, voltage, current, frequency
Data volume	18MB/month (30 second data, indicative only)
Voltage connections	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.
Current sensing	3000A Rogowski coils (not field interchangeable for CTs)
Configuration	No network configuration required at install time. All APN settings pre-configured
Product Certifications & Markings	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"> - Conforms with all relevant Australian, New Zealand and US standards - Is certified for network connection to the 3G AT&T cellular network in the US (PTCRB) - Conforms with a range of other international Standards relevant to the European Economic Community (including the UK) - Carries a number of marks (CE, FCC) for which NATA registered laboratories have issued test reports <p>We recommend that customers always check conformity against their own jurisdictional use case or other requirements.</p> <p>For more information: Speak to your Wattwatchers contact or email info@wattwatchers.com.au</p>