

Solar Energy South Africa

Accuenergy Ghana



Overview

Who is accuenergy?

Accuenergy manufactures and designs industrial power and energy meter solutions. This also includes a variety of current transformers, hall effect sensors, energy management software, data acquisition communications devices, and much more. Join our mailing list to receive exclusive offers, product updates and more!.

What technology does accuenergy use?

This also includes a variety of current transformers, hall effect sensors, energy management software, data acquisition communications devices, and much more. In the early stages the founders of Accuenergy understood entering the 21st century technology was the catalyst that would push energy demand growth to be more sustainable and efficient.

What is accuenergy Expo?

Accuenergy will be joining the expo and exhibiting at booth #924, showcasing a range of products, including premium power and energy meters, power quality analyzers, current transformers, communication modules, and industrial control panels.

Where is accuenergy located?

In order to serve energy markets worldwide, Accuenergy's global footprint now spans multiple countries. In addition to the Toronto, Canada headquarters, Accuenergy has offices located in the El Segundo (United States), Xi'an (China) and Pretoria (South Africa).

Why should you choose accuenergy?

Leverage our industry expertise to provide robust, cost-effective solutions to your energy management challenges. For over twenty years, Accuenergy has been a pioneer in creating dependable power and energy metering products

that are designed to exceed customer expectations and drive innovation in the marketplace.

What is accuenergy & stem?

Exceptional solutions for intelligent energy management. Learn how Accuenergy has partnered with Stem, Inc. to provide high-precision, well-timed energy data for smart, holistic energy storage system management.

Accuenergy Ghana



Metering & Monitoring DC Circuits

Accuenergy AcuDC 240 Series DC metering and monitoring applications continue to emerge as more renewable energy and microgrid projects are implemented. DC meters such as the AcuDC 243 are able to provide a versatile and accurate solution over a variety of DC projects.

Revenue Grade Split-Core Current Transformer

Accuenergy manufactures and designs industrial power and energy meter solutions. This also includes a variety of current transformers, hall effect sensors, energy management software, data acquisition communications devices, and much more. ISO 9001:2015 certified. Latest Articles.



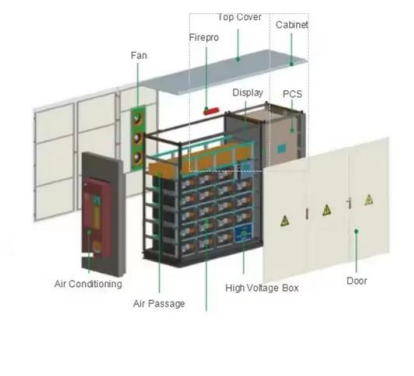
Multi-Channel Submeter

The AcuRev 2000 Series is a revenue-grade, multi-circuit power and kWh meter designed to monitor kilowatt hours (kWh), power, energy, demand, time-of-use (TOU), and power quality parameters in high density applications such as multi ...

Accuenergy Inc.

Accuenergy has been a trusted global innovator for revenue grade energy measurement instruments since 1998. Advancing critical

energy infrastructure efficiency and performance is part of our core vision to improve energy conservation and enable a better, sustainable future.



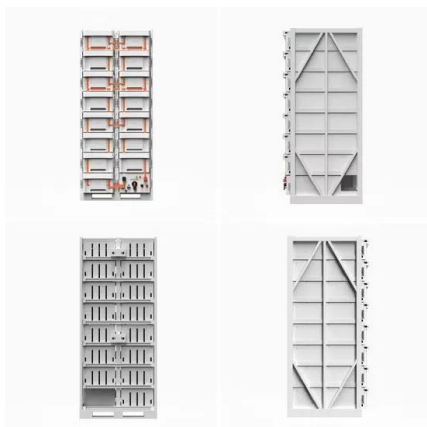
Metering Data Collection

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Advanced Power & Energy Meter

An AC energy meter is a specialized device engineered to collect a variety of AC power or energy data for a single load or an entire system. Generally installed adjacent to an electrical panel or within switchgear, an AC energy meter may continuously gather data to provide detailed insight into consumption patterns, load profiles, and system performance.

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Wireless RS485 Mesh Network

Typically, a transmitter, receiver, and repeater are separate units in a wireless system. Unlike other wireless solutions, the AXM-MESH wireless transceiver has these three functions built into a single device, so each one will automatically switch roles in the system and work as a transmitter, receiver, and repeater, as needed.

The Buildings Show PM Expo 2024 , Accuenergy

Accuenergy will attend the expo to showcase our premium power & energy meters, power quality analyzers, current transformers, communications modules, industrial control panels, and various other products that are designed to optimize building management operations, allowing facility managers and industry professionals to improve energy



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High Accuracy Solid-Core Current Transformer

The AcuCT S77 is a Measurement Canada approved solid-core current transformer that features industry-leading 0.15% accuracy. Compact and cost-effective, the AcuCT S77 is specifically designed for power and energy meter installations that require exceptionally accurate signal transformation, such as revenue or billing applications.



[Solid-Core Current Transformer](#)

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[Resource Center](#)

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Energy Metering Solutions & Applications , Accuenergy

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Profibus

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[Power & Energy Panel Meter](#)

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Metering Electric Vehicle (EV) Charging Stations

Accuenergy also offers complete monitoring solution for EV stations that generate power via renewable energy sources such as wind and solar (as either the sole or partial power source provider). This solution offers monitoring on both the AC and DC side with both units being able to create historical data logs and record every energy parameters



GRADE A BATTERY

LiFePO4 battery will not burn when overcharged, over discharged, overcurrent or short circuit and can withstand high temperatures without decomposition.



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[UL 508A Panel Shop](#)

Accuenergy is a certified UL 508a panel shop that offers any customization to existing designs or provide new designs with customer-specified components, such as cellular modems, dataloggers, breakers, power supplies, or other hardware while maintaining the UL certification for the entire panel. Every panel we assemble

carries UL and cUL



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DC Power & Energy Meter

The meter supports 2-wire RS485 serial bus. The meter does not support RS422 and RS232. A USB-RS485 converter or RS232-RS485 converter can be used if your computer is equipped with a USB port or RS232 port. The pre-configured USB-RS485 converter stocked by Accuenergy is guaranteed to work with our meters.

Multi-Channel Submeter

The AcuRev 2000 Series is a revenue-grade, multi-circuit power and kWh meter designed to monitor kilowatt hours (kWh), power, energy, demand, time-of-use (TOU), and power quality parameters in high density applications such as multi-tenant submetering of commercial facilities or branch circuit monitoring.



DIN Rail Power & Energy Meter

The AcuRev 1310 DIN Rail meter is engineered for high performance and easy integration into industrial or commercial facilities. Designed for cost-effective power and energy monitoring, it features a built-in LCD to simplify setup and provide quick access to metered data.

Data Acquisition Gateway & Servers

Compatible with all Accuenergy meters and third-party devices, it stores data locally until it is ready to be distributed to remote servers or controllers via an IP-based network. The built-in web interface makes it simple to monitor critical energy data from all connected devices, promoting real-time decision making and management.



Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.ian-solar.co.za>