

SATEC is a developer and manufacturer of specialty solutions for power measurement and power quality monitoring. The company's range of products includes traditional 3-phase power meters for real-time power measurement and data-logging, revenue meters (electricity meters), power quality analyzers and a software suite for energy management and billing. With headquarters in Jerusalem, Israel and subsidiaries in Union, New Jersey and in PRC, SATEC...

A Unique Segment. When it comes to energy management, the public sector is quite unique within the range of energy consumers. Industrial facilities have a clear demand for lowering energy spending which is often the largest production expense, clearly impacting the cost of production and profitability.

RGM180-G3. Featuring all the G1 characteristics, the RGM180-G3 is used as a remote monitor for reading and controlling up to 32 units of any compatible SATEC devices (see Highlights tab) over RS-485, or up to 36 SATEC devices over 10/100 Base-T Ethernet.. This screen model must be Powered over Ethernet (PoE) or via an external power supply (supplied with unit).

SATEC's Energy Saving solutions help reduce costs and enhance efficiency. Discover tools for energy monitoring, maintenance, and More! ... This is where SATEC offers a full monitoring solution, enabling the optimization of industrial processes, HVAC spending in commercial and public facilities and many other consumption channels, common to all ...

Cost-effective: saves drastically on installation costs and space occupied by dozens of legacy meters. Multi-circuit: multi-load metering. up to 12 three-phase loads; up to 34 single-phase loads; various combinations of the two; Revenue Meter:. Class 0.5/0.5S accuracy per ANSI C12.20 / ...

As modern electronics consume DC current, entire ecosystems, such as data-centers, are often designed for DC power, to avoid multiple inversion. To this end SATEC has developed a unique platform for the accurate metering of DC ...

maximum power demand; Such factors ultimately affect the main bill, presented by the utility to the initial buyer: property management. A single user can be responsible for a surcharge. Solutions: SATEC meters and software determine the individual components and users affecting these costs. This prevents management defaulting to foot surcharges ...

Utilizing cloud based solutions for small to mid-sized utilities Our software platform delivers IOU-level capabilities at a price/performance level optimized for municipal utilities and rural electric coops (RECs); provides tools to enhance system efficiency, optimize operational costs, protect revenue and improve customer service.



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Safety Switch: All HACS have a built-in automatic protection circuit for maximum safety, eliminating the need to use shorting bars.; High Accuracy: Solid Core: 0.1% / Split Core: 0.5%.; All HACS are supplied with 8ft / 2.5m cable. Maximum cable length: 650ft / 200m. Note: the selection of HACS varies according to your choice of instruments.

The PM172 is a Class 0.2S/0.2 power meter designed for high-accuracy metering of three-phase AC circuits. Equipped with built-in digital I/Os and supporting numerous communication protocols, it is suitable for integration in utility substations or industrial SCADA systems.

Power quality monitoring has been SATEC's core expertise since its foundation. Over the years our solutions have evolved to include numerous helpful features and advantages within the field of power quality analysis: Class A, Ed. 3 certified analyzer; Fast transient detection; Disturbance Direction Detection (see note below)

For over a decade SATEC has pioneered the implementation of this advanced communication protocol, starting with its flagship, the PM180 power quality analyzer. Ever since, SATEC has set the goal of implementing IEC 61850 in its leading products, new releases, as well as legacy products. See below SATEC products featuring IEC 61850.

SATEC has now officially launched a solution for Direct Current metering, based on the SATEC PRO meter, using Hall Sensors. This application is suitable for a wide range of DC voltage and current measurement: up to 3,000A DC / 2,500V DC.

Our software packages complete our product line, offering a total solution for your power system. SATEC's on-line service, eXpertpower, collects, archives and analyses energy and power quality data. eXpertpower allows multiple users to view data, create automated billing, produce sophisticated reports and implement energy.

Multi-Function Power Quality Analyzer. EDL180 Portable Power Quality Analyzer. PM180 based portable version. EM720 Revenue Meter & PQ Analyzer. Wall-mount version. EM920 ... Learn about SATEC Solutions See solutions . We are The Experts in ...

SATEC's PM174, a full range Power Quality Analyzer, detailed energy data analysis for IEEE 1159 standard applications, Find More Options Here! ... it is suitable for integration in utility substation or industrial SCADA systems. Its powerful LED 7-segment display shines visibly in the darkest environments, facilitating a quick reading of ...

Castries, April 9, 2024 - In keeping with its 2035 Strategic Business Plan, the St. Lucia Electricity Services Limited (LUCELEC) has launched ENERGYZE Holding Inc (ENERGYZE), a new subsidiary charged with the mandate to pursue ...



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Portable (Class A, Ed. 3) PQ Analyzer. The EDL180 is a portable version of the Class A (Edition 3) PM180 power quality analyzer, which holds extensive track record serving as the platform for power quality monitoring systems in worldwide national grids. Equipped with a 24V battery for backup power supply and flexible current clamps, it is fitted in a lightweight traveling bag for ...

Power Plant Automation Retrofit. MSEL, SATEC's partner in Mongolia, a well-known company in the Mongolian energy market, designed and built the first modern system in the country for fault recording and analysis. This was supplied along with general control and high accuracy energy metering, focused on system quality and reliability.

The Ultimate Power Analyzer. The PM180 Power Quality Analyzer is a high performance power analyzer with extensive track record serving as the hardware platform for power quality monitoring systems in national grids around the world and is certified by the NMI institute as a Class A, Edition 3, analyzer, per IEC 61000-4-30.

Web: <https://profbismed.pl>

