

SATEC's DC metering solution is highly accurate and functionally versatile. The PRO Series. The PM130. Utilizing shunt resistors, the PM130 offers a basic cost-effective DC metering solution, suitable for retrofit installation in facilities where the shunts are already in place. This is the case quite often in the telecom market.

Based on the SATEC PRO meter, this solution makes use of Hall Effect Sensors, attaining remarkable accuracy. It is suitable for a wide range of DC voltage and current measurement: up to 4,000A and 2,000V DC. For further details, including specification and technical configuration, please read our application note and book a demo.

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. DC current systems are widespread in various fields, including:

SATEC's ExpertPower Offers Performance Tools ? Municipal Utilities and Electric Coops. 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 ...

The PRO PQ marks a breakthrough in SATEC's line of power quality analyzers. Adding to our familiar features of precision PQ analysis, the PRO Analyzer offers: Class A, Ed. 3.1, per IEC 61000-4-30; EN50160 reports; 0.0001 Hz resolution; 16GB on-board memory; Dual Port ETH;

SATEC's offer for reaching such optimization includes a unique implementation of its high-end metering equipment, with a special emphasis on multi-circuit meters, and the Expertpower Energy Management software suite. The two together enable online energy monitoring, alerting to irregular consumption and reflecting system efficiency. ...

When Prof. Branover founded SATEC back in 1987, his vision for it went beyond creating a profitable business for pioneering power analysis. His focus was on providing employment for a wave of immigrants who were about to flock from the former Soviet Union to Israel in the early 1990s and of whom many were highly educated engineers.

Solutions: SATEC's Expertpower energy management suite manages all clients and bills on one platform, enabling quick update and sync with ERP systems. See Expertpower EMS. B. Surcharge management. Every user has a unique profile of energy spending, affected by the different electrical appliances in use and peak consumption. This involves, for ...

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...

SATEC EM132 is a multifunction power meter and transducer, ideal for a wide range of applications such as industrial power monitoring and for interfacing SCADA in utility substations. The EM132 can be fitted with a wide range of communication interfaces and I/O extensions, making it a cost-effective combination of a power meter, smart ...

The Dollar Guzzler . Traditional industries comprise an extremely wide segment of the global market. Ranging from mining through oil production and refining and all types of manufacturing, this sector is by far the global leader of electricity consumption .. With energy consumption and spending being such a key factor of costs, the need of efficiency and conservation is high and ...

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SATEC's "Add-On" module concept allows you to configure the meter to your changing needs, thus saving valuable time in the field or future costly replacements. Transient Recorder. Sampling rate up to 1024 samples per cycle. Auxiliary Power Supply . 50-288V AC / 90-290V DC.

The SATEC PMU is a unique product. It is implemented as an add-on card for the PM180, together with other functionalities, such as power quality monitoring and fault recording, making it highly cost-effective. It communicates with 3 rd party Phasor Data Concentrators, an important WAMS component in itself, enabling versatility.

HACS: special 40mA inputs for SATEC's High Accuracy Current Sensors; RS5: Special 5A input for 5A clip-on HACS for retrofit installation on existing MV/HV CT secondary. Harmonic Analyzer. Voltage and current THD, TDD and K-Factor, ...

SATEC is a global leader in research, development and manufacturing of energy management solutions. We are looking for a strong partners to join our global distribution network! Please share with us some information so we can get an idea of who you are and we will contact you to make an acquaintance.

The PRO Series is SATEC's cost-effective line of power meters for advanced power monitoring applications of both AC and DC current. With waveform recording capabilities and 16GB of storage it is a powerful Class A, Ed. 3.1 power-quality analyzer and event recorder. Featuring multiple protocols (IEC 61850, DNP3 and

IEC 60870-5-101/104) and ...

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. VRM ...

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 facilities. A. Industrial. Monitor your industrial process; Prevent equipment burnout and failure via PQ monitoring

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 ...

