

Solar Energy South Africa

Luxembourg satec powerful solutions



Overview

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 , Israel and subsidiaries in and in , SATE.

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[BFM136 Guía Rápida](#)

Esta función, común a cualquier equipo de SATEC Powerful Solutions se realizará mediante el siguiente sub-menú: El analizador BFM tiene la particularidad de tener una pestaña específica para la asignación de canales como ya se comentó anteriormente, se recomienda que dicha

EM920

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.



[DC Accessories](#)

Based on the PRO Series meters, SATEC provides a unique comprehensive solution for DC metering. The current sensing technology used by the PRO is that of Hall Effect Sensors. The voltage reading is performed by direct measurement, rated up to 820V DC. The challenges that arise in this application: Hall Effect Sensors require an external power

[Digital Substation Solutions](#)

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.



Power Quality Analysis

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)

Direct Current Power Metering

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.



EDL180

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 ...

Leading Innovation in Energy Management

SATEC was one of the first companies to pioneer this field, introducing one of the very first digital power meters, and ever since SATEC has made its priority to lead and innovate. For over 35 years now, prominent global utilities and industrial leaders have made SATEC their go-to choice, for both off-the-shelf and bespoke solutions, for



UserOur Energy Management & Power Solution Products

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 ...

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Wide Area Monitoring Systems

SATEC has entered this advanced field of solutions, offering a Phasor Measurement Unit, or



51.2V 300AH

PMU in short, as a module for the PM180 power quality analyzer. Complying with both P-Class and M-Class requirements, and combining its all-in-one functionalities and features, our PMU stands out as a unique solution.

Satec Powerfull Solutions SL: teléfono, CIF y dirección

El CIF de SATEC POWERFULL SOLUTIONS SL es B83833889. LA COMPRA-VENTA Y COMERCIALIZACION DE EQUIPOS INFORMATICOS Y APARATOS ELECTRICOS Y ELECTRONICOS DE MEDIDA Y OTROS USOS INDUSTRIALES es el propósito final de la empresa SATEC POWERFULL SOLUTIONS SL, dada de alta el día 11/12/2003. Su CNAE ...



RGM180

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 Solutions for Renewable Power Monitoring

SATEC is dedicated to delivering advanced metering solutions tailored to the specific needs of renewable power systems. From solar farms and wind energy to battery storage facilities, our

solutions enable the reliable and efficient integration of renewable energy into the grid.. Hitec Instruments is the SATEC Distributor in the United Kingdom and Ireland, providing Power ...



[Michael Arbov](#)

Senior Software Engineer at SATEC Powerful Solutions · System Engineer and RT Software Engineer with extensive hands-on Software/Firmware/Hardware Design and Integration of DigitalTV and VoIP Communications Systems;& It;br& gt;o Extensive experience with HW-SW Software design and integration.& It;br& gt;o Knowledge of Internet Networking, Digital TV, ...

PMU

Power: True RMS volts, amps, power, power factor, neutral current, angles and unbalance for voltage and current, frequency, symmetrical components and many more; Event and parameter data-logging; Sampling frequency: up to 1024* samples per cycle; KYZ or KY output and LED indication for calibration and test (via optional display)



BFM136

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

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SATEC Solutions

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Contact Us

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