

PRO SERIES · POWER QUALITY ANALYSIS

PM335 & EM235

Advanced Power Meter and Power Quality Analyser

Class 0.2S metering and IEC 61000-4-30 Class A power quality analysis in one modular meter. Choose panel-mount or DIN-rail, then add I/O and auxiliary power as your site grows.

Explore the PRO Series on satec-global.com.au ↗

Substations

Data Centres



Renewables

Industrial

CLASS 0.2S

AS/IEC 62053-22

IEC 61000-4-30 CLASS A ED. 3.1

EN 50160 REPORTS

IEC 61850 ED. 2

1,000V AC INPUTS

256

Samples per cycle for waveform capture

63rd

Harmonic analysis per IEC 61000-4-7

16GB

Onboard memory for data and waveforms

4

Add-on modules side by side

Why It Matters



Revenue Grade Accuracy

Class 0.2S four-quadrant energy to AS/IEC 62053-22 and ANSI C12.20, with TOU and demand registers.



Class A Power Quality

PQ-A models analyse to IEC 61000-4-30 Class A Ed. 3.1 with EN 50160 reports and IEEE 519 harmonics.



Every Event on Record

Fast waveform, fault and data recorders capture what happened and store it on 16GB of memory.



AC Metering

AC measurements up to 1,000V AC, plus leakage current detection on a fourth current input.



Grows With Your Site

Fit up to four modules side by side for digital I/O, relays, analogue outputs and auxiliary power.



The SATEC Ecosystem

Connect to **Expertpower™** for energy management and configure on site with the **eXpertConnect™ App**.

Key Specifications

Models	PM335 panel-mount (3.5" TFT), EM235 DIN-rail (1.77" TFT), RPM035 transducer
Voltage inputs	0-600V AC (L-N), 0-1,000V AC (L-L)
Current inputs	1A or 5A CT, HACS, LPCT and Rogowski clamps
Energy	Class 0.2S to AS/IEC 62053-22
Power quality	IEC 61000-4-30 Class A Ed. 3.1 (PQ-A) or Class S (PQ-S)
Harmonics	Up to the 63rd per IEC 61000-4-7, THD, TDD, K-factor
Ports	RS-485, 2 × Ethernet, infrared, USB-C
Protocols	Modbus, DNP3, IEC 60870-5-101/104, IEC 61850
Memory	16GB
Operating temp.	-40°C to +70°C, IP51

ORDER CODE

PRO-PM335-PQ-A

5A

50HZ

ACDC

IOS

EN

Example only. All options are in the **full datasheet**.



Ready to See the Whole Picture?

Talk to our team about the right PRO Series meter for your site. Call +61 2 4774 2959 or visit satec-global.com.au/contact

DOCUMENT VERSION

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TBV1.0	24 September 2026