

PRO SERIES • AEMO FCAS METERING

PM335 & EM235

FCAS Power Meter or Power Quality Analyser

Measure power and frequency every 20 milliseconds with the precision FCAS markets demand. Choose panel-mount or DIN-rail, then add power quality analysis, I/O and IEC 61850 as your site needs them.

Explore FCAS metering on satec-global.com.au ↗

 Battery Storage

 Renewables



 Substations

 Large Loads

AEMO FCAS COMPLIANT

CLASS 0.2S

AS/IEC 62053-22

IEC 61000-4-30 CLASS A OR S

IEC 61850 ED. 2 OPTIONAL

DUAL ETHERNET

20ms

Real-time data every cycle
via Modbus

0.0001Hz

Frequency resolution at
0.002% accuracy

0.2%

Power accuracy for FCAS
reporting

16GB

Onboard memory for data
and waveforms

Why It Matters



Built for AEMO FCAS

Real-time and recorded data deliver the resolution and accuracy that FCAS participation calls for.



Captures Every Deviation

Optional FCAS Mode records at 20ms for Very Fast and Fast services and at 1s for Slow and Delayed services.



AC Metering

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



Power Quality When You Need It

PQ models add IEC 61000-4-30 Class A or Class S analysis with EN 50160 and IEEE 519 reporting.



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
Power	0.2% accuracy; 1W/var/VA resolution (PT = 1)
Frequency	0.002% accuracy; 0.0001Hz resolution
Energy	Class 0.2S to AS/IEC 62053-22
Ports	RS-485, 2 × Ethernet, infrared, USB-C
Protocols	Modbus, DNP3, IEC 60870-5-101/104, IEC 61850 (optional)
Memory	16GB
Operating temp.	-40°C to +70°C, IP51

ORDER CODE

PRO-PM335-FCAS

5A

50HZ

ACDC

IOS

EN

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



Ready to Meter for FCAS?

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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