



Trumeter APM Power Meter - Summary Sheet

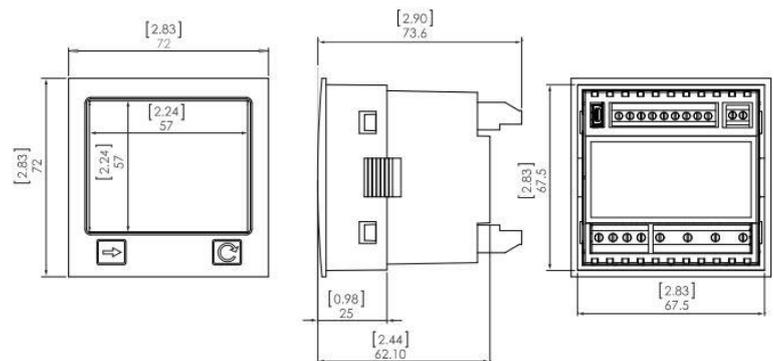
The Power meter from Trumeter is much more than a simple ammeter. Not only can it be used for both single and three phase supplies, but it can be used to measure multiple parameters, including Current, Voltage, Active & Reactive Power, Apparent Power, Frequency & Power Factor. It works with both current and potential transformers and includes Modbus RTU communication, plus two independent opto-isolated digital outputs plus one analog 4-20mA output. Configurable through easy-to-use software connected via USB, the meter can have up to 10 alarm set-points and the backlighting, coupled with the alarm set-points enable the end-user operator to be alerted when one of the measured parameters is out of range.

This meter can be pre-wired into an enclosure for easy installation on site. Please contact our friendly sales team on 01803 295430 or email sales@spwales.com for more information. For examples of our pre-wired enclosures, please view our [Metering Kits](#) page.

Specification

Meter Type	Three Phase
Fitting Type	Panel Mount
Max. Current (Amps)	5A
Smart	No
Input Type	Current Transformer
Nominal Input	100 - 277 VAC
Backlight colours	Red, Green, White
Accuracy	1%
Availability	Next Day

Dimensions



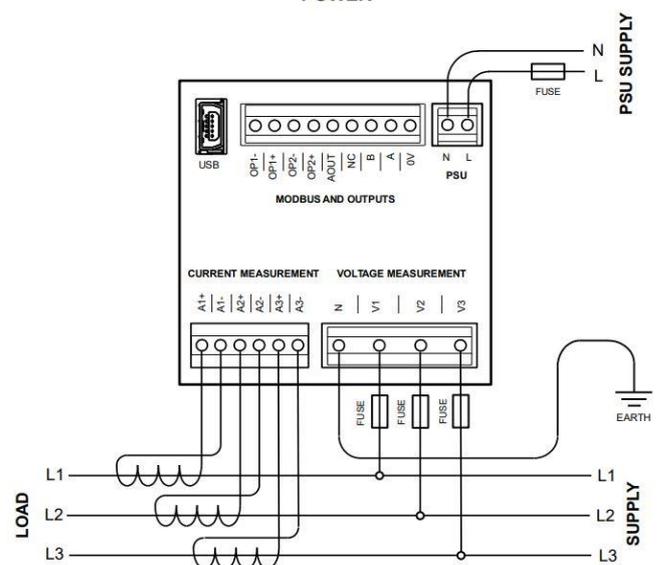
Panel cut-out size: 68 x 68mm

Measured Parameters

Active Energy (kWh)	✗	Line Power Factor (PF)	✓
Active Power (W) *	✓	Line Reactive Power (kVAr) *	✗
Apparent Energy (kVAh) *	✗	Line to Line Voltage (V)	✓
Apparent Power (VA) *	✓	Line to Neutral Voltage (V) *	✓
Average Current (I)	✓	Maximum Current (I) *	✗
Average Power Demands (W)	✗	Maximum Power Demands (W) *	✗
Average Voltage (V)	✗	Maximum Voltage (V) *	✗
Current (I)	✓	Power Factor (PF) *	✓
Current in Neutral (I)	✗	Reactive Energy (kVArh) *	✗
Frequency (Hz) *	✓	Reactive Power (VAr) *	✓
Hours Run (hr)	✗	Total Harmonic Distortion (Amps)	✗
Line Active Power (W)	✓	Total Harmonic Distortion (Volts)	✗
Line Apparent Power (kVA)	✓	Voltage (V)	✓
Line Current (I) *	✓		

Wiring Diagram

THREE PHASE (NO NEUTRAL) POWER METER CONNECTIONS - LOCAL POWER



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