



SmartPanel X835 - Summary Sheet

Summary

The Smart Panel range of meters has been introduced to the UK market by Smart Process and has made quite an impact. Manufactured in China by Easton, (previously branded as Easton SDM), they are feature packed, flexible on installation and very price competitive.

The SmartPanel X835P is one of only a few MID approved panel mounted meters. It is packed with features, highly flexible on installation and is priced very modestly for what it does. It is a 96x96mm panel mounted, CT operated electricity meter.

This meter displays a broad range of power data including Active Power (W) by phase, Active and Reactive Energy (kWh & kVAh) for both Import and Export, Power Factor (PF), Frequency (Hz) and Harmonic Distortion up to the 31st harmonic for both Current & Voltage.

In addition, this meter has 2 pulse outputs for logging kWh and kVAh as well as a Modbus RS485 output, making it perfect to integrate with Building Management Systems (BMS).

Finally, this meter can incorporate the 'Smart Plug' System which is designed for ease of installation of multiple units. The "Smart Plug" allows the reference voltage to be shared with all electricity meters in the network, therefore reducing installation time.

N.B. This meter can be pre-wired into an enclosure. [Click here](#) to see our full range of Enclosures, or [click here](#) to find out more about our Pre-Wiring Service.

Product Code

Meter Type
Fitting Type
Max Current (Amps)
MID Approved
Smart
Input Type
Output Type
Tariffs
Import / Export
Availability
Condition
Brand
Country of Manufacture

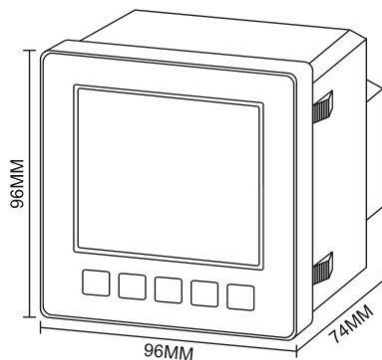
TPPSP835

Three Phase
Panel Mounted
5
Yes
No
Current Transformer
RS485 Modbus & Pulse
Single
Import & Export
Next Day
New
Smart Process
China

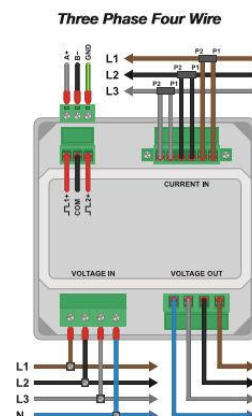
Measured Parameters

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 (kVAh)	✓
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)	✓		

Dimensions



Wiring Diagram



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