S. P. Wales Ltd
Electrical Metering Specialists

Eastron Smart X96-1- Summary Sheet

The Easy-Click range from Eastron has been designed with the "plug and play" concept in mind enabling a reliable, fast and error free installation. The range features a selection of 3-in-1 CT's, each supplied with a 1m cable with RJ12 connections that simply connect from the CT and plug straight into the meter.

The X96-1 is a highly accurate, (C – class 0.5), panel mount meter and can be used to monitor the most common electrical parameters including Energy (kWh), Power (W), Voltage (V) and Power Factor (PF). It's MID approved, allowing it to be used in billing applications and it displays both imported and exported energy, perfect for renewable applications. It includes both a Modbus and pulse output making it compatible with many BMS systems or data loggers. There are two models in the range, the X96-1E and the X96-1 which features all the features of the 1E but also monitors Harmonic Distortion for both Current (I) & Voltage (V).

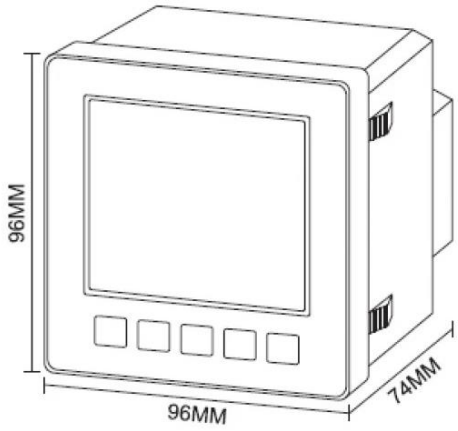
Specification

Meter Type	Three Phase
Fitting Type	Panel Mount
Max. Current (Amps)	n/a
MID Approved	Yes
Smart	No
Input Type	Current Transformer (100mA)
Output Type	Modbus & Pulse
Tariffs	Single
Import / Export	Import & Export
Accuracy Class	C (Cl. 0.5)
Fuse Type (Voltage)	1A Fast Blow
Fuse Type (Auxiliary)	1A Fast Blow
Availability	Special Order

Model Variants

TPPEAX961E	**Standard Model**
TPPEAX961	**Includes Total Harmonic Distortion**

Dimensions

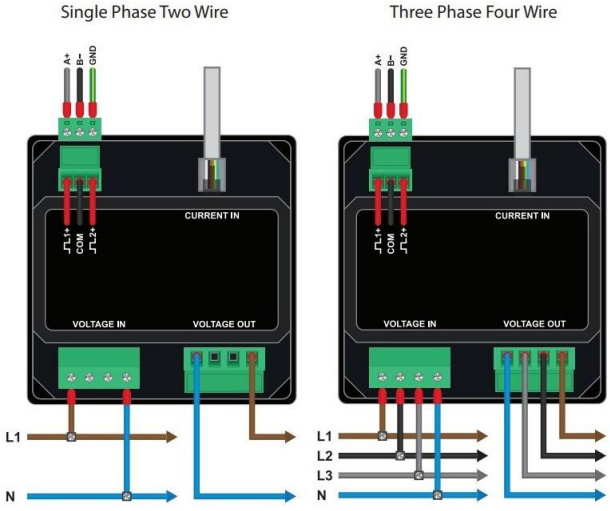


Measured Parameters

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)	✓		

* dependant on model selected

Wiring Diagram



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