

- Three Phase 1/5A Current Transformer operated
- MID B+D Certified
- UL Registered
- Accuracy Class 0.5 (Active Energy)
- Bi-directional Measurement for kW and kWh
- Configurable Pulsed output (Import/ Export / Nett kWh)
- Multi Parameter measurement
- Phase Sequence indication
- Phase Summary Page
- Free Configuration software

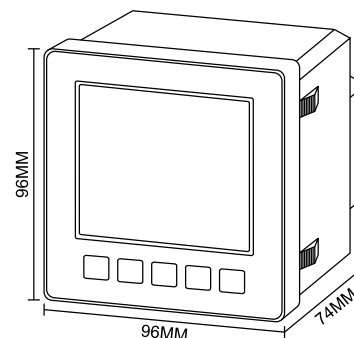


The SMART X96 series is an advanced multifunction three-phase energy monitoring solution with optional outputs such as Pulsed, RS485 RTU Modbus and Mbus. Equipped with configuration and display buttons for ease of navigation through the various parameters and settings. Housed for 96mm panel mounting, IP51 protection and 1/5A current transformer operated. Selectable measurement modes using our free configurations software for kWh display, Total kWh (Import + Export), Import kWh and Net kWh (Export - Import) Certified in the UK according to EU Directive 2014/32/EU. MID Certificate number 0120 / SGS0288.

Comparison Table

Manufacturer	Product Code	MID certified	Accuracy Class	Digital Output	Multi-Tariff	Input type	Amps	Volts (Ph+PH & Ph+N)	Frequency	Power	Max Power Demand	Current Max Demand	Energy (kWh/ kVarh) Import, Export and Total)	THD Amps	THD Volts	Modbus RTU	Pulsed Output	Panel Mounted 92x92 Cut out	L1,L2 and L3 summary Page	Phase Sequence Indication
Eastron	SMART X96-5	Yes	0.5S	No	No	1/5A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Carlo Gavazzi	EM26-96	Yes	1	No	Yes	1/5A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Rayleigh Instruemnts	RI-F100	Yes	1	No	No	1/5A	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Schneider	PM5111	Yes	0.5S	Yes	No	1/5A	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No

Dimension Drawing



Conformity References

Electromagnetic Compatibility:

EN61326-1:2013 & EN61326-2-3:2013

Low Voltage Directive: EN61010-1-2010 & EN61010-2-30-2010

MID DIRECTIVE: 2014/32/EU

Ordering options

Meter Type	Description of Meter
SMART X96-5	Active Import/Export (kWh) 3x230/400V, 0.25-5(6)A, Transformer operated, Multifunction, RS485 Modbus RTU, Internal 3 phase supply and Individual harmonics up to the 63rd Level.
SMART X96-5E	Active Import/Export (kWh) 3x230/400V, 0.25-5(6)A, Transformer operated, Multifunction, RS485 Modbus RTU, No Voltage Output and 1P2W and 3P4W only.

For more information on these products, please contact our sales team on 01924 891049 or email sales@jwsmartmeters.co.uk