Metering EM115

- MID approved when used with solid core CT to Appendix “B” And “D” Certification
- Single phase metering 1 din modules
- Direct metering up to 100A
- LCD display, 6 integer 2 decimal, meter display when power fails
- Clear green backlit display
- 50 pulse output
- Modbus RTU with 16 bit CRC
- 1,2,3 And 4 tariff meter option
- Accuracy class B according to EN50470-3
- Accuracy class 1 according to IEC62052-21
- Memory back-up (EEProm)
- Import / export / generation And consumption
- NET metering to comply with OFGEM regulations on co- located storage
- With bi-directional energy measurement, this meter is ideal for solar PV energy metering.
- Solid or split CT options

Characteristics

Type Of Measurement	Voltage,Ampere,kW,kvar,PF,Hz,+k-Wh,-kWh,L kWh,-kvarh,+kvarh
Rated Current	5A
Rated Voltage	230V
Frequency (Hz)	50 or 60Hz
Maximum Current	45A
Maximum Value Measured	999999.99kWh
Power Consumption	<1.3W 0.01VA
Current Terminals Flexible 1xmm2	0-16mm2
RS485 Cable	AWG18
Comms terminal flexible 1xmm2	0-2.5mm2
Pulse 1 Width(ms)	80
Pulse 1 Constant (imp/kWh)	1000
Pulse 2 Constant (imp/kWh)	0.001/0.01/1
Dimension (W*H*D*)mm	18*104.5*88
Operating Temperature	-25°C - +55°C
Storage Temperature	-40°C - +70°C

The 115 meter is our standard installation meter. It uses a split core CT to monitor the main incomer to the property so that we can accurately see the import and export. As the meter is highly accurate, we pull the totals from this meter and display them on our portal and app. It can also be used for monitoring multiple forms of generation. When used in conjunction with the solid core CT the meter is an MID approved class 1 billing meter.