



Stephen P. Wales Ltd

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Features

- Accuracy Class 1 or Class 2
- kWh import or kWh import/export
- 3 phase, 4 wire or 3 phase, 3 wire
- 16 year product life
- Large figure display
- Extensive security data
- IrDA (Infrared Data Association) output for transmitting billing, security and status data
- 12kV impulse withstand
- Compact design
- Double insulated, glass filled polycarbonate case to DIN 43857 Part 2 and Part 4 (except for top fixing centres)
- IP53 in accordance with IEC 60529:1989



100amp 3phase LCD Meter with pulse Ofgem Approved

Technical Data

Current Range	10-100A
Voltage Range	220-240V (L-N) or 220-240V (L-L)
Frequency	50 Hz
Burden	
Voltage Circuits (230V)	0.9W, 9VA capacitive burden/phase [max]
Current Circuits	2VA @ 100A/phase [max]
Insulation	4kV RMS 50Hz
Impulse Withstand	12kV 1.2/50µs 500ohm source
Display LCD	9.8 x 3.5mm characters High contrast, wide angle
Stepper Motor	6.7 x 3.5mm characters
IrDA Baud Rates	2400, 4800 or 9600 (Without serial port)
Serial Baud Rates	2400 or 4800
Product Life	16 years
Certified Product Life	10 years
Temperature	-40° to + 55° C (Operational range) -40° to + 85° C (Storage)
Humidity	Annual mean 75% (For 30 days spread over one year, 95%)
Pulse Width	10 to 250ms or equal mark/space
pulses per kWh	1000
Weight	860 grams
Specifications	kWh Class 1 or 2 IEC 61036:1996 (plus Amendment 1:2000)
Case	IP53 to IEC 60529:1989

Dimensions w174 x h221 x d50mm

