

Home Electricity Monitor Specification

LCD Display

Product Size:	9.3cm x 12cm (base) x 15.5 cm
Viewable Screen:	7.3cm x 9cm
Retail Package Size:	35cm x 17cm x 5.5cm
Internal Power Requirement:	Mains block adapter (nominal 1.0 watt)
Physical Format:	Table-top
Energy Monitored:	Electricity (gas, LPG, oil option in development)
Receiver:	433MHz SRD band
Communication Platform:	C2 architecture
Sensor Coding Recognition:	10 channel (each three input potential)
Recognition Method:	User Initiated - seeks 4,096 possibilities
Number of Permitted Sensors:	Ten (x3 input)
Display:	Liquid Crystal segmented display
Backlight:	No
LCD mode:	Positive reflective -12:00 view
Main services:	Energy
Subordinate Services:	Clock time (24hr), room temperature (0-29°C)
WT Reception Licence Required:	No

24 hour rolling consumption (bar graph) display (social division into 3 x 8hr periods)

PC connection for streaming data for seven years historical data.

Software code: starting Vx.09

Tariff pre-set at prevailing rate (issued by the purchaser). Adjustable to 99.9

NOTE: The display format is not suitable for accuracy checking of tariff meter.

CE Approvals: ETSI EN 300 220-2 V2.1.1(2006-04), EN 50371 2002, EN 301489-3 v1.4.1 2002-08, EN 60215:1989+A1:1992+A2:1994, IEC 60950-1:2001(1st Edition) and/or EN 60950-1:2001+A11:2004

Transmitter

Product Size:	12cm x 7cm x 3cm
Internal Power Requirement:	7 year battery life - replaceable.
Sensor Phases	One, two or three
Rated Energy Source	240VAC 50Hz
Sensor Current Sensitivity	50mA
Sensor Maximum Rated Current	100A
Wireless Transmission Mode	433MHz SRD band
Modulation	Digital
Effective Duty Cycle	<10%
ERP	5mW
Unique Identification Coding	Pseudo-random (4,096 code variants)
ID Allocation	Auto-assigned at power-up
Permanent Pairing to Display	No
WT Reception Licence Required	No

Cable Clamp

Max 300A 600V

Accommodates max. cable size 30mm diameter