MODEL 002

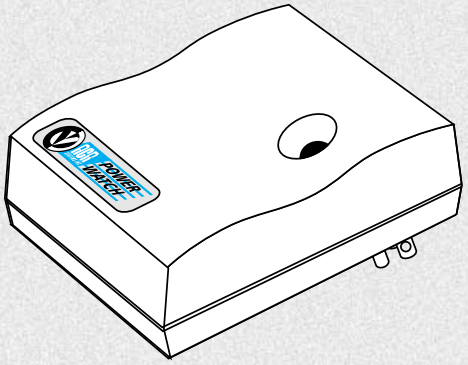
220/240V, 50/60 Hz Voltage Disturbance Recorder

- Surges
- Sags
- Impulses
- Dropouts
- Outages
- Frequency Variations

Features

- Hot-Neutral; Neutral-Ground monitoring
- User-settable thresholds
- 4000 event memory
- No wiring, cables
- Safe operation
- Monitors as soon as it is plugged in
- Optically isolated interface cable
- Access data by modem

POWERWATCH is the easiest way to monitor and record essential voltage disturbance information from any 220/240 volt Australian, European, or U.K. power receptacle. Just setup your pre-determined disturbance threshold values or use the industry standard default values and plug it in. No wiring or dangerous connections required.





Australia receptacle.



United Kingdom receptacle.



Continental Europe receptacle.

Other receptacles available using adapters. See Accessories on page 42 for more information.

Product Specifications

Memory Size:	4,000 events.
Common Specifications:	See page 12.
Software Specifications:	See page 13.

Surge, Sag & Outage

	Hot to Neutral	Neutral to Ground
Range:	0 to 400 V rms	0 to 50 V rms
Accuracy:	+/-2 V rms + resolution	+/-.25 V rms + resolution
Resolution:	2 V rms	.25 V rms

Impulse

	Hot to Neutral	Neutral to Ground
Range:	100 to 2500 V peak	50 to 2500 V peak
Accuracy:	+/-10% of reading + resolution	+/-10% of reading + resolution
Resolution:	10 V	10 V
Width Detection:	1 µsec minimum	1 µsec minimum
Phase Angle		
Accuracy:	+/-1° (20 to 180°, 200 to 360°)	+/-1° (20 to 180°, 200 to 360°)
Resolution:	1°	1°

Frequency

Range:	45 to 65 Hz.
Accuracy:	+/-0.1 Hz. (3 cycles minimum)
Resolution:	0.1 Hz.

Time

Events (<1sec)	Hot to Neutral	Neutral to Ground
Accuracy:	+/-0.5 cycle	+/-1 cycle
Resolution:	0.5 cycle	1 cycle

Time-stamp (Events > 1 second):

Accuracy:	+/-2 sec./day + resolution
Resolution:	8 seconds

Order Information

MODEL	COMPATIBILITY	CATALOG #
PWV-002-A	Australia	01-0205
PWV-002-U	United Kingdom	01-0200
PWV-002-E	Europe	01-0215