

Keyitec



POWERWATCH

Electrical disturbances can adversely affect your facility, damaging sensitive electronic equipment and shutting down your production. This very simple, but extremely effective **Power Quality Monitor** records them all, and helps you make the right decision to protect your business against sags, swells, surges, dropouts and outages. **Just Plug it.**



120V Voltage Disturbance Recorder

PowerWatch Model NA

Frequency Range	45 to 65Hz, +/- 0.1Hz (3 cycles min.)
Swell, Sag & Outage	0 to 200V rms, +/-1V rms
Surge	Up to 2500V peak, 1µs minimum
Memory Size	4,000 events
Surge, Swell, Sag & Outage	Hot to Neutral, Neutral to Ground

Storage Method:	First-in, First-out or Fill-then-stop
Size and weight:	3.35" x 2.65" x 1.35" (85 mm x 68 mm x 35 mm) – 4 ounces (120 grams)
Operating Limits:	40°C to 70°C (-40°F to 158°F); 0 to 95% RH (non-condensing)
Battery:	3.6 Volt Lithium
Battery Life:	10-years warranty (under normal use). Factory replaceable
Memory Size:	32 K, 4000 events
Sampling Method:	Continuous (half cycle integrated)
Alarm Type:	Optical; Red LED
Fuse:	1/16A fast-blow; (non-replaceable)
PC Requirements:	IBM PC or 100% compatible running MS Windows 3.1,95,98, or NT, with a least 2 MB RAM, 2 MB of hard drive disk space and one free serial port
Certifications:	CSA; NRTL/C; UL1244
Event Types Detected:	Swells, sags, surges, dropouts, outages, frequency variations, synchronization defects
Measurement Locations:	Hot to Neutral, Neutral to Ground

Features:

Optical alarm indicating events occurred
No wires, alligator clips or other exposed wiring
4000 event memory
Monitors as soon as it is plugged in
Optically isolated interface cable

Safe, stand alone operation
User-settable thresholds, calibration feature
Graphical, statistical and event viewing software
Hot-Neutral, Neutral-Ground monitoring
Access data by modem



