

SPECIFICATIONS - EnergyPro Energy & Power Quality Analyser

GENERAL:

- **Input Channels:**
 - 4 x Voltage via voltage leads
 - 3 x current via flex type CTs
- **Ranges:**
 - 1 x Voltage range: 0-600 VAC 45-65 Hz
 - 3 Current ranges: 2-20A, 20-200A, 200-2000A Fully auto-ranging
- **Dimensions:**
 - Unit: L=232mm H=110mm W=192mm (Excluding CTs)
 - Flex CT diameter: 150mm
 - Flex CT length: 450 mm
 - Flex CT cable length: 1.8m
- **Protection level: IP55 (lid closed) Excludes power cable connection**
- **Case: Peli ABS**

SERVICE CONDITIONS:

- - Operating Temperature: -20 to 60°C
 - Humidity; Max 80% relative non-condensing

POWER SUPPLY:

- - Integral from measurement voltage
 - Internal battery back-up (30 hours run time, fully charged)

MEASUREMENT:

- - Technique: Digital Sampling
 - Sample rate: 32 Samples/Cycle (45-65 Hz)

MEASUREMENT PARAMETERS:

- - Min/Max/Avg trend for Voltage, Current, Power, Power Factor, THD, Frequency, Energy
 - Waveform Capture and Harmonic Trend to 15th Harmonic on V&I.

STORAGE:

- - Removable Card 1GB Flash – 65000 Records.
 - Programmable Storage Rate.
 - Survey length at 1 minute storage: 420 days

ACCURACY:

- - Voltage: 0.5% of scale
 - Current: 0.5% of scale
 } True RMS

STANDARDS:

- - Electrical Safety:
 - Unit: IEC1010 600V CAT III
 - Flex CTs: IEC1010 1000V Cat III

POWER SUPPLY:

- - PowerView:
 - Requires min: Pentium III with SVGA
 - Windows XP Pro, Vista, W7