

## **Elcomponent SPC Pro 2 Load Logger – Express Instrument Hire 01772 815 600**

### **Input Channels:**

- **1 X Voltage via pluggable power cable**
- **3 X current via integral flex type CTs**

### **Ranges:**

- **1 Voltage range: 230VAC +/- 15% 50-60Hz**
- **3 Current ranges: 2-20A, 20-200A, 200-2000A Fully auto-ranging**

### **Dimensions:**

- **Unit: L=183mm H=41mm W=120mm (Excluding CTs)**
- **Flex CT diameter: 150mm**
- **Flex CT length: 450 mm**
- **Flex CT cable length: 1.8m**

**Protection level: IP30**

**Case: ABS**

- **Operating Temperature: -20 to 50 Deg C**
- **Humidity; Max 80% relative non-condensing**

- **230VAC External**
- **Li-ion internal battery**
- **Battery life: Approx 3 weeks logging (fully charged)**
- **Battery Charging: Integral charger from mains connection**

- **Technique: Digital Sampling**
- **Sample rate: 1.6kHz**
- **Update rate: 1 second – stored to cache**

• **1 X Voltage, 3 X Current, 3 X Phase Angle stored memory. Stored value is the average of all cached readings since previous store.**

- **Memory capacity: 200,000 records**
- **Survey length at 30 second storage: 10 weeks**
- **USB Download to PC & USB Flash Drive (Memory Stick)**

### **Voltage:**

- **0.5% of measurement +/- 2.0V**

### **Current:**

- **2-20A = 0.5% of measurement +/- 0.5A**
- **20-200A = 0.5% of measurement +/- 2.0A**
- **200-2000A = 0.5% of measurement +/- 5.0A**

**kWh (in software) = < 2% typical**