



# EnergyPro

## ELECTRICAL ENERGY PROFILE LOGGER

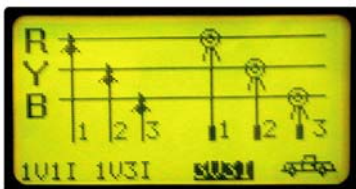
The EnergyPro is a new concept in electrical data loggers and is so easy and safe to use – even on three-phase supplies – that costly connection errors are all but eliminated. The icon-based menu is accessed via a clear backlit LCD display which also includes an interactive connection diagram to show hook-up details as well as simple symbols to show the instrument set up. The EnergyPro can detect a wrong connection and corrects this automatically in software and even shows the status via the display connection diagram.



The measurement performance is equally impressive... the EnergyPro measures True RMS Voltage, Current, Power Factor and Energy with a high level of accuracy (+/-0.5%) and utilises a standard 32MB flash card for memory storage. Safety in use is given a high priority – voltage measurements can be taken from a standard wall socket even when measuring 3 phase supplies and the unit conforms to IEC 1010 Cat III 600V electrical safety standards.



Available with flex-type or clip-on CTs, the EnergyPro sets new standards for ease-of-use, accuracy and memory capacity, and comes complete with an all-new software package providing flexible graphing and reporting options to make maximum use of your data.



- 'Auto connect' feature eliminates hook-up errors.
- Graphic display includes interactive connection diagram.
- Icon-based menu for easy set-up.
- Massive 32MB memory on standard plug-in Flash Card for ultra-fast download.
- Flexible logging options (storage interval 1 second to 15 minutes)
- High accuracy (32 sample per cycle = +/-0.5% on primary values).
- 48 hour battery back-up.
- Flex or clip-on CT options.
- All new PC software with powerful graph and reporting features.
- IEC 1010 Cat III 600V electrical safety.



<b>Specification</b>		<b>Notes</b>
<b>Connection</b>	Single or three phase supplies	'Safe' 3 phase connection option
<b>Inputs</b>	V: 85-265VAC Fully isolated I: 0-1VAC Hz: 45-65Hz	Flex or clip-on CTs
<b>Resolution</b>	0.1V 0.1A	
<b>Parameters</b>	Amps, Volts, kW, kVA, kWh, PF, kVAr, kVAh, Hz	
<b>Accuracy</b>	+/- 0.5% of full scale for V&I	
<b>Storage Rate</b>	1 second to 15 minutes	
<b>Sampling Rate</b>	32 samples per cycle	
<b>Battery Back-Up</b>	48 hours runtime from fully charged	
<b>Memory</b>	32MB Flashcard	Requires USB or PCMCIA port for download
<b>Display</b>	Dot matrix LCD backlit	
<b>Software</b>	Energy View	Requires min: Pentium III, W98, SVGA Graphics, CD ROM, USB Port
<b>Temp</b>	0° – 60°C	
<b>Safety</b>	IEC 1010, 600V	

### Kit Contents

EnergyPro Logger, EPView software, 20/200/2000 A Flex CTs, Voltage Leadset, 32MB Flash Card, USB Flashcard downloader, Custom Zip Case

<b>Description</b>	<b>Diameter</b>	<b>1+</b>
<b>EnergyPro Kit c/w : 20/200/2000A Flex CTs</b>	200mm	£2095.00
<b>Energy Pro Kit c/w Flex CTs</b>		Hire it for: £175.00 per week



**ELCOMPONENT**  
Making sense of your energy

Unit 5 Southmill Trading Centre, Southmill Road, Bishop's Stortford, Herts CM23 3DY  
T: 01279 503173 F: 01279 654441 E: sales@elcomponent.co.uk  
www.elcomponent.co.uk

11/05