

DATA LOGGERS

Simple Logger® II TRMS Current

Models L101 & L102

One channel loggers with the ability to perform a variety of recording tasks



► SPECIFICATIONS

MODELS	L101	L102
ELECTRICAL		
Channels	One	Two
Input Connection	BNC	One BNC connector per channel
Measurement Range	0 to 1Vac (probe dependent)	
Resolution	0.1mV	
Accuracy (50/60Hz)	0 to 10mV: unspecified 10 to 50mV: $\pm(0.5\%$ of Reading + 1mV) 50 to 1000mV: $\pm(0.5\%$ of Reading + 0.5mV)	
Input Impedance	800k Ω	
Sample Rate	64 samples/cycle	
Storage Rate	Programmable from 8 every second to 1 every day	
Storage Modes	Start/Stop, FIFO, Extended Recording Mode (XRM™) and Alarm	
Recording Length	15 minutes to 8 weeks, programmable using DataView®	
Memory	240,000 measurements (512KB) The recorded data is stored in non-volatile memory and will be retained even if the battery is low or removed.	
Communication	USB 2.0 optically isolated	
Power Source	2 x 1.5V AA-cell Alkaline batteries (included)	
Battery Life	100 hours to >45 days (dependent on sample rate and recording length)	
MECHANICAL		
Dimensions	5.38 x 2.75 x 1.28" (136 x 70 x 32mm)	5.18 x 2.75 x 1.28" (132 x 70 x 32mm)
Max Conductor Size	Current probe dependent	
Weight (with battery)	6.4oz (181g)	6.64oz (188g)
Case	UL94-V0	
Vibration	IEC 68-2-6 (1.5mm, 10 to 55Hz)	
Shock	IEC 68-2-27 (30G)	
Drop	IEC 68-2-32 (1m)	

► FEATURES

- Compatible standard current probes with voltage output and BNC connection (Models L101 & L102) (see pages 58 & 59 - sold separately)
- 2 inputs (Model L102)
- 64 samples per cycle
- Programmable storage rates from 8 every second to 1 every day
- 4 user selectable storage modes
- Stores up to 240,000 measurements in non-volatile memory
- Powered by standard Alkaline batteries
- Lightweight, compact, fits anywhere
- 5 LED indicators quickly and clearly display logger status
- Includes FREE DataView® software for data storage, real-time display, analysis and report generation
- Optically isolated USB 2.0 communication cable included
- EN 61010-1; 50V CAT III

► APPLICATIONS (MODEL L101)

- Load profiling
- Fault current detection
- Intermittent problem detection
- Demand recording
- Neutral current monitoring
- Harmonic current recording using DataView® software
- Metering CT resizing
- Start-Stop time stamping

► APPLICATIONS (MODEL L102)

- Split phase load monitoring
- Neutral & ground current monitoring
- Intermittent problem detection
- Harmonic current monitoring using DataView® software
- Machine load monitoring
- Start-Stop time stamping

See pages 58 & 59 for compatible current probes (sold separately)

CATALOG NO.	DESCRIPTION
2126.02	Simple Logger® II Model L101 (1-Channel, TRMS, 0 to 1Vac, DataView® software)
2126.03	Simple Logger® II Model L102 (2-Channel, TRMS, 0 to 1Vac, DataView® software)