

Model L562

Two input channel logger capable of recording Arms, Vrms and VA



► FEATURES

- 2 input channels
- Voltage: 0 to 600V_{AC} TRMS
- Current: compatible with voltage output AC current probes with voltage outputs (shown on page 56 & 57)
- 64 samples per cycle
- Records Arms, Vrms & VA (VA displays in DataView® software)
- 4 user selectable storage modes
- Programmable storage rates from 8 every second to 1 every day
- 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
- EN 61010-1; 300V CAT IV; 600V CAT III with a safety rated current probe attached
- Isolated USB 2.0 communication cable included

► APPLICATIONS

- Single phase power monitoring
- Residential, commercial, industrial, troubleshooting
- Find sags and surges
- Track energy usage
- Start-Stop time stamping

► SPECIFICATIONS

MODEL	L562	
ELECTRICAL		
Channels	Two	
Connection	Current Channel	Voltage Channel
Input Connection	BNC	Two recessed banana jacks
Input Range**	0 to 1V _{AC} (for use with current probes with a voltage output)	0 to 600V _{AC}
Resolution	0.1mV	0.1V
Accuracy (50/60Hz)	0 to 10mV unspecified 10 to 50mV: ±(0.5% of Reading + 1mV) 50 to 1000mV: ±(0.5% of Reading + 0.5mV)	0 to 5V unspecified 5 to 50V: ±(0.5% of Reading + 1V) 50 to 600V: ±(0.5% of Reading + 0.5V)
Input Impedance	800kΩ	40MΩ
Maximum Input Voltage****	5Vrms or ± 7.07V peak	1.2 x 600V
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 measurement (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)	
Max Conductor Size	Current probe dependent	
Weight (with battery)	6.4 oz (181g)	
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)	

**The native measurement of the instrument is voltage. This voltage is scaled to display current corresponding to the users probe selection. This accuracy specification does not account for probe errors.

***A memory backup provides backup power while the batteries are being changed.

****Input level beyond this range may damage the instrument.

► PRODUCT INCLUDES



Set of two color-coded 5 ft voltage leads, color-coded alligator clips (red/black), USB type A to 5 pin Mini-B and DataView® software

See pages 56 & 57 for current probe selection

CATALOG NO.	DESCRIPTION
2126.35	Simple Logger® II Model L562 (TRMS, Voltage & Current Module, DataView® software)

AEMC INSTRUMENTS
Technical Assistance (800) 343-1391

www.esis.com.au
Ph 02 9481 7420
Fax 02 9481 7267
esis.enq@esis.com.au

ESIS
Industrial Electronics