

# Simple Logger® II TRMS Voltage/Current Model L562



Model L562 includes type A to 5-pin mini-B USB 2M, DataView® CD, two 1.5V AA-cell Alkaline batteries and user manual. Probes sold separately.



Model L562

## FEATURES

- ▶ 2 input channels
- ▶ Voltage: 0 to 600V<sub>AC</sub> TRMS
- ▶ Current: compatible with AC current probes with voltage outputs
- ▶ 64 samples per cycle
- ▶ Records Arms, Vrms & VA (VA displays in DataView software)
- ▶ 3 user selectable storage modes
- ▶ Programmable storage rates from 8 per second to 1 per 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 waveform display, analysis and report generation
- ▶ USB cable included
- ▶ 300V CAT IV; 600V CAT III with a safety rated current probe attached

## SPECIFICATIONS

MODEL	L562	
<b>ELECTRICAL</b>		
Channels	Two	
Connection	Current Channel	Voltage Channel
Input Connection	BNC	Two recessed banana jacks
Input Range	0 to 1V <sub>AC</sub> *	0 to 600V <sub>AC</sub>
Resolution	0.1mA	0.1V
Accuracy (50 or 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)
Sample Rate	64 samples/cycle	
Storage Rate	Programmable from 125mS to 1 day	
Storage Technique	Stop when full, FIFO and Extended Recording Mode (XRM™)	
Recording Length	15 minutes to 8 weeks, programmable using DataView®	
Memory	240,000 measurement (512KB). The recorded data is stored in non-volatile memory & 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	
Battery Life	100 hours to >45 days (dependent on storage rate/recording length)	
<b>MECHANICAL</b>		
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 (181 grams)	
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)	
<b>ENVIRONMENTAL</b>		
Operating Temperature	14° to 122°F (-10° to 50°C)	
Storage Temperature	-4° to 140°F (-20° to 60°C)	

## APPLICATIONS

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



Model L562 includes set of two color-coded 5 ft voltage leads, color-coded alligator clips (red/black) Cat. #2140.62 (See page 8 for ordering information)

\*For current probes with voltage output.

### DESCRIPTION

Simple Logger® II Model L562 (TRMS Voltage & Current)

### CATALOG NO.

2126.35