

# DATA LOGGERS

## SIMPLE LOGGER® II TRMS VOLTAGE & CURRENT

### MODEL L562

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

### 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> (for use with current probes with a voltage output)	0 to 600V <sub>AC</sub>
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	5V <sub>rms</sub> 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)	
<b>MECHANICAL</b>		
Dimensions	5.38 x 2.75 x 1.28" (136 x 70 x 32mm)	
Weight (with battery)	6.4oz (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)	

Consult factory for NIST Calibration prices

PROBE MODEL NUMBER	CATALOG NUMBER	PROBE OUTPUT	PROBE RANGE	MAX RANGE FOR SLII	CABLE DIAMETER	BUS BAR SIZE	OUTPUT CONNECTION
MN261	2115.82	100mV/A / 10mV/A	0.1 to 24A / 0.5 to 240A	10A / 100A	0.78" (19.8mm)	N/A	Lead w/BNC
MN379T	2153.02	200mV/A / 10mV/A	5A / 100A		0.78" (19.8mm)	N/A	Lead w/BNC
SR661	2113.49	1mV/A 10mV/A 100mV/A	1000A 100A 10A		2.13" (54.1mm)	N/A	Lead w/BNC

SEE PAGE 32 FOR MORE COMPATIBLE CURRENT PROBES (SOLD SEPARATELY)

CATALOG NO.	DESCRIPTION
2126.35	Simple Logger® II Model L562 (2-Channel, TRMS, Voltage & Current, DataView® Software)



DataView®



### FEATURES

- 2 input channels
- Voltage: 0 to 600V<sub>AC</sub> TRMS
- Current: compatible with voltage output AC current probes with voltage outputs (see page 32 - sold separately)
- 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
- 5 LED indicators quickly and clearly display logger status
- Includes FREE DataView® software for data retrieval, real-time display, analysis and report generation
- Optically isolated USB 2.0 communication cable included
- Complies with EN 61010-1; 300V CAT IV; 600V CAT III (a safety rated current probe is required)

### APPLICATIONS

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

### PRODUCT INCLUDES

Set of color-coded (red/black) 5 ft voltage leads and alligator clips, USB cable, (2) 1.5V AA batteries, printed quick start guide, USB drive with DataView® software.

