

# 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 1) V <sub>AC</sub> (for use with current probes with a voltage output)	(0 to 600) V <sub>AC</sub>
Resolution	0.1 mV	0.1 V
Accuracy (50/60 Hz)	(0 to 10) mV unspecified (10 to 50) mV: ± (0.5 % of Reading + 1 mV) (50 to 1000) mV: ± (0.5 % of Reading + 0.5 mV)	(0 to 5) V unspecified (5 to 50) V: ± (0.5 % of Reading + 1 V) (50 to 600) V: ± (0.5 % of Reading + 0.5 V)
Input Impedance	800 kΩ	40 MΩ
Maximum Input Voltage	5 Vrms or ± 7.07 V peak	(1.2 x 600) V
Sample Rate	64 samples/cycle	
Storage Rate	Programmable from 8 every s to 1 every d	
Storage Modes	Start/Stop, FIFO, Extended Recording Mode (XRM™) and Alarm	
Recording Length	15 min to 8 weeks, programmable using DataView®	
Memory	240,000 measurement (512 kB). 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 Supply	(2) 1.5 V AA-cell alkaline batteries (included)	
Battery Life	100 h to > 45 d (Dependent on sample rate and recording length)	
<b>MECHANICAL</b>		
Dimensions	(5.38 x 2.75 x 1.28) in (137 x 70 x 33) mm	
Weight (with battery)	6.4 oz (181 g)	
Case	UL94-V0	
Vibration	IEC 68-2-6 (1.5 mm, (10 to 55) Hz)	
Shock	IEC 68-2-27 (30 G)	
Drop	IEC 68-2-32 (1 m)	

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	100 mV/A / 10 mV/A	(0.1 to 24) A / (0.5 to 240) A	10 A / 100 A	0.78 in (19.8 mm)	N/A	Lead w/BNC
MN379T	2153.02	200 mV/A / 10 mV/A	5 A / 100 A		0.78 in (19.8 mm)	N/A	Lead w/BNC
SR661	2113.49	1 mV/A 10 mV/A 100 mV/A	1000 A 100 A 10 A		2.13 in (54.1 mm)	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 600) V<sub>AC</sub> TRMS
- Current: compatible with 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; 300 V CAT IV; 600 V 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) 1.5 V AA batteries, printed quick start guide, USB drive with DataView® software.

