

DATA LOGGERS

SIMPLE LOGGER® II TRMS VOLTAGE & CURRENT

MODEL L562

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

SPECIFICATIONS

MODEL	L562	
ELECTRICAL		
Channels	Two	
Connection	Current Channel	Voltage Channel
Input Connection	BNC	Two recessed banana jacks
Input Range	(0 to 1) VAC (for use with current probes with a voltage output)	(0 to 600) VAC
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)	
MECHANICAL		
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-VO	
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)



1.800.561.8187

www.itm.com



FEATURES

- 2 input channels
- Voltage: (0 to 600) VAC 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.

