



## Simple Logger<sup>®</sup> II Model L562

Cat. #2126.35

**2-Channel, TRMS, Voltage & Current, DataView<sup>®</sup> Software**

Two channel voltage/current data logger. Features include Extended Recording Mode (XRM<sup>®</sup>) and delayed start time. Records TRMS at a rate of up to eight times per second. TRMS calculations are performed on a single line cycle. Includes easy and intuitive setup from a computer using DataView<sup>®</sup> software.


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Channels	Two	
Connection	Current Channel	Voltage channel
Input	BNC	4 mm safety banana jacks
Ranges (2)	0 to 1 V for use with current probe with mV output	5 to 600 VAC
Accuracy (50/60Hz)	(10 to 50) mV: $\pm(0.5\% R + 1\text{mV})$ (50 to 1000) mV $\pm(0.5\% R + 0.5\text{mV})$	(5 to 50) V: $\pm(0.5\% R + 1\text{V})$ (50 to 600) V: $(0.5\% R + 0.5\text{V})$
Resolution	0.1 mVAC	0.1 VAC
Maximum Input Voltage	5 rms or $\pm 7.07 \text{ VPeak}$	1.2 x 600 Vrms or 720 Vrms
Input Impedance	800 k $\Omega$	40 M $\Omega$
Sample Rate	64 samples / cycle	
Storage Rate	Programmable from 125 ms to 1 per day	
Storage Modes	Start/Stop, FIFO, extended mode (XRM) and Alarm	
Recording Length	15 minutes to 6 weeks, programmable using DataView	
Memory	240,000 measurements (512 kB). Recorded data is stored in non-volatile memory and will be retained even if battery is low or removed.	
Communication	USB 2.0 optically isolated	
Power Source	(2) 1.5 V AA (LR6) alkaline batteries	
Battery Life	100 h to >45 d (depending on sample rate/recording length)	
Dimensions	(4.94 x 2.75 x 1.28) in / (125 x 70 x 32) mm	
Weight (with Battery)	6.4 oz (180 g)	
Case	Polycarbonate	

For more details, download the datasheet or user manual at [www.aemc.com](http://www.aemc.com)

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<b>Operating Temperature</b>	(14 to 122) °F (-10 to 50) °C
<b>Storage Temperature</b>	(-4 to 140) °F (-20 to 60) °C
<b>Relative Humidity</b>	Up to 85 % @ 95 °F (35)°C
<b>Ingress Protection (IP)</b>	IP40
<b>EMC</b>	EN 61326-1
<b>Safety Compliance</b>	IEC 61010-1, EN 61010-2-32 600V CAT III Pollution Degree 2 

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