



## Simple Logger® II Model L261

**Cat. #2126.05**

**1-Channel, TRMS, 600VAC/DC, DataView® Software**

One channel recording device that performs line tracking by taking 64 samples over one line cycle. Harmonic measurements are calculated from these 64 samples. Frequency tracking is performed over the range of  $\pm 2\text{Hz}$  around the nominal line frequency 50 or 60Hz. Records TRMS at a rate of up to eight times per second. TRMS calculations are performed on a single line cycle. Features easy and intuitive setup from a computer using DataView software.


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<b>Channels</b>	One
<b>Input</b>	4mm safety banana jacks
<b>Ranges (2)</b>	5 to 600VAC/AC+DC
<b>Accuracy (50/60Hz)</b>	5 to 50V $\pm(0.5\% \text{ Rdg} + 1\text{V})$ 50 to 600V (0.5% Rdg + 0.5V)
<b>Resolution</b>	0.1VAC/AC+DC
<b>Maximum Input Voltage</b>	1.2 x 600Vrms or 720Vrms
<b>Input Impedance</b>	40M $\Omega$
<b>Sample Rate</b>	64 samples / cycle
<b>Storage Rate</b>	Programmable from 125ms to 1 per day
<b>Storage Modes</b>	Start/Stop, FIFO, extended mode (XRM) and Alarm
<b>Recording Length</b>	15 minutes to 6 weeks, programmable using DataView
<b>Memory</b>	240,000 measurements (512KB). Recorded data is stored in non-volatile memory and will be retained even if battery is low or removed.
<b>Communication</b>	USB 2.0 optically isolated
<b>Power Source</b>	2x1.5V AA (LR6) alkaline batteries
<b>Battery Life</b>	100 hours to >45 days (depending of sample rate/recording length)
<b>Dimensions</b>	4.94 x 2.75 x 1.28" (125 x 70 x 32mm)
<b>Weight (With Battery)</b>	6.4 oz (180g)
<b>Case</b>	Polycarbonate
<b>Operating Temperature</b>	14° to 122°F (-10° to 50°C)

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

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<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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