

# SPECIFICATIONS

MODEL	L562	
<b>ELECTRICAL SPECIFICATIONS</b>		
Channels	2	
Connection	<b>Current channel</b>	<b>Voltage channel</b>
Input connection	BNC	2 recessed banana jacks
Voltage range	0 to 1 V <sub>AC</sub> *	0 to 600 V <sub>AC</sub>
Resolution	0.1 mA	0.1 V
Accuracy (50/60 Hz)	0 to 10 mV: unspecified 10 to 50 mV: $\pm(0.5\% R + 1\text{ mV})$ 50 to 1000 mV: $\pm(0.5\% R + 0.5\text{ mV})$	0 to 5 V: unspecified 5 to 50 V: $\pm(0.5\% R + 1\text{ V})$ 50 to 600 V: $\pm(0.5\% R + 0.5\text{ V})$
Sample rate	64 samples/cycle	
Storage rate	Programmable from 125 ms to 1 day	
Storage modes	Stop when full, FIFO and Extended Recording Mode (XRM™)	
Recording length	15 minutes to 8 weeks, programmable using DataView®	
Memory	240,000 measurement (512 kB) The recorded data is stored in non-volatile memory & retained even if the battery is low or removed	
Communication	USB 2.0 optically isolated	
Power source	2 x 1.5 V AA-cell alkaline batteries	
Battery life	100 hours to > 45 days (depending on storage rate/recording length)	
<b>MECHANICAL SPECIFICATIONS</b>		
Dimensions	136 x 70 x 32 mm (5.38 x 2.75 x 1.28")	
Max conductor size	Depends on current probe	
Weight (with battery)	181 g (6.4 oz)	
Casing	UL94-V0	
Vibration	IEC 60068-2-6 (1.5 mm, 10 to 55 Hz)	
Shock	IEC 60068-2-27 (30 G)	
Drop	IEC 60068-2-32 (1 m)	
<b>ENVIRONMENTAL SPECIFICATIONS</b>		
Operating temperature	-10 °C to +50 °C (14 to 122 °F)	
Storage temperature	-20 °C to +60 °C (-4 to +140 °F)	

# APPLICATIONS

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



Model L562 includes set of two colour-coded 1.5 m (5 ft) voltage leads, colour-coded crocodile clips (red/black).

\*For current probes with voltage output.