

APPLICATIONS

- ▶ Surge and Sag recording
- ▶ Long-term supply monitoring
- ▶ Industrial, commercial and residential monitoring
- ▶ Monitor voltage harmonics
- ▶ Find intermittent voltage problems
- ▶ Machine monitoring

MODEL	L261
ELECTRICAL SPECIFICATIONS	
Channels	1
Input connection	2 recessed safety banana jacks
Voltage range	0 to 600 V _{AC/DC}
Resolution	0.1 V
Accuracy (50/60 Hz)	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	Start/Stop, 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)
MECHANICAL SPECIFICATIONS	
Dimensions	125 x 70 x 32 mm (4.94 x 2.75 x 1.28")
Weight (with battery)	180 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)
ENVIRONMENTAL SPECIFICATIONS	
Operating temperature	-10 °C to +50 °C (14 to 122 °F)
Storage temperature	-20 °C to +60 °C (-4 to +140 °F)



Model L261 includes set of two colour-coded 1.5 m (5 ft) voltage leads, colour-coded crocodile clips (red/black).