

# SPECIFICATIONS

<b>MODEL</b>	<b>CL601</b>
<b>ELECTRICAL SPECIFICATIONS</b>	
<b>Channels</b>	1
<b>Input connection</b>	Split CT – AC Current
<b>Range de courant</b>	0 to 600 Aac
<b>Resolution</b>	0.1 A
<b>Accuracy (50/60 Hz)</b>	0 to 5 A: unspecified 5 to 50 A: $\pm(1\% R + 1 A)$ 50 to 400 A: $\pm(1\% R + 0.5 A)$ 400 to 600 A: $\pm(3\% R + 1 A)$
<b>Sample rate</b>	64 samples/cycle
<b>Storage rate</b>	Programmable from 125 ms to 1 day
<b>Storage modes</b>	Start/Stop, FIFO and Extended Recording Mode (XRM™)
<b>Recording length</b>	15 minutes to 8 weeks, programmable using DataView®
<b>Memory</b>	240,000 measurement (512 kB). The recorded data is stored in non-volatile memory & retained even if the battery is low or removed
<b>Communication</b>	USB 2.0 optically isolated
<b>Power source</b>	2 x 1.5 V AA-cell alkaline batteries
<b>Battery life</b>	100 hours to > 45 days (depending on storage rate/recording length)
<b>MECHANICAL SPECIFICATIONS</b>	
<b>Dimensions</b>	235 x 102 x 41 mm (9.25 x 4.0 x 1.63")
<b>Max conductor size</b>	1 conductor $\varnothing$ 42 mm (1.65"), 2 conductors $\varnothing$ 25.4 mm (1.00") each
<b>Weight (with battery)</b>	485 g (17.1 oz)
<b>Safety rating</b>	IEC 61010, 300 V CAT IV / 600 V CAT III
<b>Casing</b>	UL94-V0
<b>Vibration</b>	IEC 60068-2-6 (1.5 mm, 10 to 55 Hz)
<b>Shock</b>	IEC 60068-2-27 (30 G)
<b>Drop</b>	IEC 60068-2-32 (1 m)
<b>ENVIRONMENTAL SPECIFICATIONS</b>	
<b>Operating temperature</b>	-10 to +50 °C (14 to 122 °F)
<b>Storage temperature</b>	-20 to +60 °C (-4 to +140 °F)

# APPLICATIONS

- ▶ Machine load monitoring
- ▶ HVAC troubleshooting
- ▶ Load profiling
- ▶ Electrical troubleshooting
- ▶ Start/Stop time-stamping



Easily log current in power panels.