# Simple Logger® II Model CL601

**Cat. #2126.01**

**1-Channel, TRMS, Clamp-on, 0 to 600A$_{AC}$, DataView® Software**

One channel recording device that performs line tracking by taking 64 samples over one line cycle. Performs frequency tracking over the range of ±2Hz around the nominal line frequency 50 or 60Hz. Records TRMS at a rate of up to eight times per second. Performs a variety of recording tasks with easy and intuitive setup from a computer using the free DataView® software (included).

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|---|---|
| **Channels** | One |
| **Input** | Split CT – AC Current |
| **Input Level** | 5 to 600AAC |
| **Accuracy (50/60Hz)** | 5 to 50A: ±(1% Rdg +1A) <br> 50 to 400A: (1% Rdg +0.5A) <br> 400 to 600A: (3% Rdg +1A) |
| **Resolution** | 0.1A |
| **Maximum Input Current** | 600A < 1 min. |
| **Sample Rate** | 64 samples / cycle |
| **Storage Rate** | Programmable from 125ms 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 (512KB). 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** | 2x1.5V AA (LR6) alkaline batteries |
| **Battery Life** | 100 hours to >45 days (depending of sample rate/recording length) |
| **Dimensions** | 9.25 x 4.0 x 1.63" (235 x 102 x 41mm) |
| **Weight (with battery)** | 17.1 oz (485g) |
| **Case** | Polycarbonate |
| **Jaw Opening** | 1 conductor – Ø 1.46" (36mm: or 2 Ø 1.00" (25mm) |
| **Operating Temperature** | 14° to 122°F (-10° to 50°C) |

For more details, download the datasheet or user manual at www.aemc.com

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| Storage Temperature | -4° to 140°F (-20° to 60°C) |
|---|---|
| Relative Humidity | Up to 85% @ 95°F (35°C) |
| Ingress Protection (IP) | IP40 |
| EMC | EN 61326-1 |
| Safety Compliance | IEC 61010-1, EN 61010-2-32 600V CAT III; Pollution Degree 2    C E |