

DATA LOGGERS

SIMPLE LOGGER® II TRMS VOLTAGE

MINIFLEX® MODELS ML912 & ML914

AC current recording loggers incorporate two selectable measurement ranges



SPECIFICATIONS

| MODEL | ML912 | ML914 |
|-----------------------|---|---|
| ELECTRICAL | | |
| Channels | Two | Four |
| Input | Captive MiniFlex® AC Current Flexible Sensors | |
| Range | 1 to 100A _{AC} 5 to 1000A _{AC} | |
| Accuracy (50/60Hz) | 0 to 1A unspecified 1 to 100A: ±(1% of Reading + 0.5A) 0 to 5A unspecified 5 to 1000A: ±(1% of Reading + 1A) | |
| (100A Range) | | |
| (1000A Range) | | |
| Resolution | 0.1A | |
| Sample Rate | 64 samples/cycle | |
| Storage Rate | Programmable from 8 every second to 1 every day | |
| Storage Modes | Start/Stop, FIFO, Extended Recording Mode (XRM™) and Alarm | |
| Recording Length | 15 minutes to 8 weeks, programmable using DataView® | 200 hours to 180 days, programmable using DataView® |
| Memory | 240,000 measurement (512KB) | 1,000,000 measurement (2MB) |
| | The recorded data is stored in non-volatile memory and will be retained even if the battery is low or removed. | |
| Communication | USB 2.0 optically isolated | |
| Power Source | 2 x 1.5V AA-cell Alkaline batteries (included) | 4 x 1.5V C-cell Alkaline batteries (included) |
| Battery Life | 100 hrs to >45 days (dependent on storage rate/recording length) | Up to 180 days (dependent on storage rate/recording length) |
| MECHANICAL | | |
| Dimensions | 4.95 x 2.75 x 1.28" (136 x 70 x 32mm) w/o Sensor | 5.904 x 5.904 x 3.568" (150 x 150 x 91mm) w/o Sensor |
| Max Conductor Size | Sensor: 6" (152mm) | |
| Cable Length | 6ft (2m) | |
| Weight (with battery) | 8.67oz (245g) | 2.4lbs (1.1kg) |
| Case | UL94-V0 | |
| Vibration | IEC 68-2-6 (1.5mm, 10 to 55Hz) | |
| Shock | IEC 68-2-27 (30G) | |
| Drop | IEC 68-2-32 (1m) | |



FEATURES

- Includes two or four integral MiniFlex® flexible current probes that will measure from 1A to 1000A TRMS with 0.1A resolution
- Dual range 100/1000A user selectable per channel in software
- 64 samples per cycle
- Programmable storage rates from 8 every second to 1 every day
- 4 user selectable storage modes
- ML912 stores up to 240,000 measurements in non-volatile memory and ML914 stores up to 1,000,000 measurements
- Powered by standard Alkaline batteries
- Lightweight, compact, fits anywhere
- 5 LED indicators quickly and clearly display logger status
- Includes FREE DataView® software for data retrieval, real-time display, analysis and report generation
- Optically isolated USB 2.0 communication cable included
- EN 61010-1; 600V CAT IV, 1000V CAT III

APPLICATIONS

- Single and Split phase load monitoring
- Neutral and ground current monitoring
- Intermittent problem detection
- Harmonic current monitoring using DataView® software
- Machine load monitoring
- Fault current detection
- Load profiling

CATALOG NO. DESCRIPTION

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|---------|---|
| 2126.37 | Simple Logger® II Model ML912 (2-Channel, TRMS, Bluetooth, MiniFlex®, 100/1000A _{AC} , DataView® software) |
| 2126.40 | Simple Logger® II Model ML914 (4-Channel, TRMS, Bluetooth, MiniFlex®, 100/1000A _{AC} , DataView® software) |

