

PRESS RELEASE

September 15, 2023

AEMC® Instruments Introduces **NEW** Power Energy Logger Model PEL 52

The Model PEL 52 is a low cost, portable, simple-to-use single and dual phase Power Energy Logger with a wide backlit LCD display. It is a compact powerhouse, small in size and mighty in performance. It records voltage current and power and energy measurements utilizing Wi-Fi to communicate via an access point or server. This product is ideal for electricians, engineers and contractors doing work in building and system monitoring and upgrades, as well as residential and overall energy audits. All vital energy data is easily measured, recorded and analyzed. Reports can be generated using the FREE DataView® software with confidence and with minimal configuration time and effort.



FEATURES

- Low cost, simple-to-use, portable, single- and dual- phase
- View measurements in real-time for voltage, current, frequency & power
- Wide backlit LCD display
- Install without de-energizing the electrical network being monitored
- Vital energy data is easily measured, recorded and analyzed
- TRMS voltage and current measurement up to 3000 A (dependent on sensor)
- Phase powered, does not require a separate power source
- TRMS AC measurements (50 and 60) Hz, aggregation every second without missing measurements
- Easy to use; automatic recognition of current sensors
- W, VA and var (P, Q, S, N and D) power measurements
- Calculation of the Cos ϕ and Power Factor (DPF)
- Aggregation measurements over a period from 1 minute to 1 hour
- Storage of the 1 s and aggregated measurements on SD/SDHC card; data can be read directly on a PC
- Remote connectivity and data viewing via DataViewSync™ (Android™, iOS, Windows, etc.)
- Wi-Fi offers accessibility to diagnose problems in real-time and/or multi-station operation.
- Includes FREE DataView® software for configuring, data retrieval, real-time measurement display, data analysis and report generation
- Compact casing with built-in magnets to facilitate mounting for easier implementation in electrical cabinets
- ECO-DESIGN - environmental aspects considered during product development to make the lowest possible environmental impact throughout the product life cycle

ORDERING INFORMATION

Cat. #2137.69 - Model PEL 52 **Price: \$1495.00**

Power Energy Logger Model PEL 52 (w/LCD, w/s mA193-10-BK sensors)
 Includes soft carrying bag, (2) MiniFlex® MA193-10-BK sensors, (3) black test leads and alligator clips, 110 V US power cord, (1) adapter for power cord, 8 GB SD card, USB SD card reader, (2) AAA rechargeable batteries, quick start guide, and USB drive with DataView® software and user manual.

Cat. #2137.71 - Model PEL 52 **Price: \$1195.00**

Power Energy Logger Model PEL 52 (w/LCD, no sensors)
 Includes Soft carrying bag, (3) black test leads and alligator clips, 110 V US power cord, (1) adapter for power cord, 8 GB SD card, USB SD card reader, (2) AAA rechargeable batteries, quick start guide, and USB drive with DataView® software and user manual.

APPLICATIONS

- **Load surveys** - Find out how much energy each item of equipment consumes operating at its min/max power level.
- **Energy analysis** - Estimate energy consumption before and after the improvements.
- **Energy surveys** - The measurements for energy surveys must be performed at several locations on the evaluation site.

TARGET MARKETS

- Electrical Contracting
- Industrial & Residential
- Plant Maintenance
- Electric Utilities

SUBMITTED BY:

Kathleen Annis, *Marketing Communications Manager*
 AEMC® Instruments • 15 Faraday Dr. • Dover, NH 03820
 (800) 343-1391 • (603) 742-2346 (fax) • marketing@aemc.com

TECHNICAL CONTACT:

Guy Belliveau, *Applications Engineer*
 (800) 343-1391 (x531)
techsupport@aemc.com