

FOR IMMEDIATE RELEASE

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AEMC® Instruments Introduces the **NEW** Class A Power Quality Analyzer PowerPad® IV Model 8345

The PowerPad® IV Model 8345 is a 1000 V three-phase Class A power quality analyzer that is easy-to-use, has an on-screen set-up and internal GPS clock, and offers the highest measurement accuracy. It provides comprehensive features, numerous calculated values, and several processing functions enabling technicians and engineers to measure and carry out diagnostics and power quality work on all existing one, two or three phase networks. It is in full compliance with IEC 61000-4-30 Class A and is safety rated to 1000 V CAT IV.

FEATURES:

- IEC 61000-4-30 **Class A** standard
- 5 V to 1000 V_{AC} and V_{DC} Voltage
- 400 kSps voltage and 200 kSps current sampling and surge 2 MSps sampling rate
- Shockwaves up to 12 kV every 500 ns
- Works on all existing electrical networks (single phase, three phase, wye, delta, etc.)
- Harmonics – DC to 63rd order and Interharmonics 0 to 62nd order
- Power W, VA, VAR (N, Q1 and D) measurements
- USB, Ethernet, Webserver and Wi-Fi communication for easy accessibility
- Data stored on an included external SD Card for transport flexibility
- Capture of hundreds of 2.5 µs transients
- IP 54 protection
- 7-inch color TFT Display with touch screen
- Includes FREE DataView® software for configuring data retrieval, real-time display, analysis, and report generation
- 3 Year Warranty (upon registration within 30 days)

APPLICATIONS:

- Electrical Maintenance
- Power factor studies
- Load balancing & load start-up measurements
- Overheating of the neutral conductor
- Measurements on photovoltaic installations
- Capacitor bank sizing
- Transformer analysis (derating)
- Failure of switchgear or its components
- Tripping of circuit breakers and differentials
- Flicker monitoring & energy efficiency
- Checking power consumption
- Substation metering
- Voltage quality analysis



4 current input terminals 5 voltage input terminals

Cat. #2136.35 – Model 8345 Price: \$8495.00

PowerPad® IV Model 8345 (no probes)

Cat. #2136.36 – Model 8345 Price: \$9495.00

PowerPad® IV Model 8345 w/4 194-24-BK Sensors

TARGET MARKETS:

- Major electricity consumers
- Heavy industries, other process industries
- Agriculture/Chemical
- Electricity producers
- Audit companies & electrical contractors

SUBMITTED BY:

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