

## **FOR IMMEDIATE RELEASE**

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## **AEMC®'s *NEW* Single-, Dual- & Three-Phase Power & Energy Logger Model PEL 105**

AEMC's Model PEL 105 is a simple to use, power and energy data logger that monitors both traditional and renewable energy sources. It monitors and records power, energy, cost and harmonics locally or from anywhere in the world. The PEL 105 is built into a waterproof case with an IP67 rating designed for outdoor use and is ideal for pole mounting. This product is perfect for electricians, engineers and contractors doing work in the areas of building and system monitoring and upgrades, including compliance to article 220.87 of the NEC, as well as overall energy audits and incoming power monitoring. It is available with an Android™ App to configure, view and capture data wirelessly. *Bluetooth* and *Wi-Fi* wireless communication provides the operator with the ability to work from a safe distance away from dangerous voltages and currents without the need to wear PPE gear.



### **FEATURES:**

- Waterproof IP67 rated including the current sensors
- 5 voltage and 4 current measurement inputs
- Measures volts, amps, watts, VARs, kWh, power factor and harmonics out to the 50<sup>th</sup>
- Track energy costs including time of use
- Wi-Fi, *Bluetooth* Class 1, USB, LAN and Ethernet communication built in
- Powered from phase inputs up to 1000 VAC or from a wall receptacle
- User selectable storage rates and demand intervals
- Pole mountable
- Can be configured directly from the front panel, can be configured through the DataView® control panel or free Android App
- Satisfies the recommendations of NEC 220.87
- Minimal programming required
- Automatic recognition of the connected current sensors/probes
- 1000V CAT IV
- DataView® software for data storage, real-time display, analysis and report generation

### **ORDERING INFORMATION:**

**Cat. #2137.57 - Model PEL 105 Price: \$2995.00**

Power & Energy Logger No Sensors ( Waterproof IP67)

**Cat. #2137.59 - Model PEL 105 Price: \$3595.00**

Power & Energy Logger w/4 196A-24-BK (AmpFlex® - Waterproof IP67)

### **APPLICATIONS:**

- Measures efficiency and finds areas for potential savings
- Assign energy costs to departments or operations
- Track peak demand periods and find opportunities for surcharge reductions
- Determine present capacity and circumvent unnecessary electrical expansion costs
- Verify the reliability and operation of electrical machinery
- Improve response time to solve power related problems
- Track energy availability and reliability of supply
- Baseline studies for system upgrades in high-rise and office buildings

#### **SUBMITTED BY:**

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