

## PRESS RELEASE

---

### Contact Us

CAS DataLoggers  
8437 Mayfield Rd, Unit 104  
Chesterland, OH 44026  
e: [sales@dataloggerinc.com](mailto:sales@dataloggerinc.com)  
p: (440) 729-2570  
[www.dataloggerinc.com](http://www.dataloggerinc.com)

## AFFORDABLE KIT MONITORS POWER FACTOR AND MORE!

### *Measure Voltage, Current & Power Factor with Accsense ElectroCorder*

Accsense ElectroCorder introduces the EC-7VAR Three-phase Power & Energy Datalogger Kit, which includes the datalogger, voltage leads, transducers, Rogowski coils, carrying case, software and a USB lead. The included Power Datalogger records at high speed onto a large memory. With prices starting at \$1,995, these kits are ideal for affordable energy auditing and HVAC verification.



### Our new kit is ideal for:

- HVAC installers and electrical contractors—Now you have proof of power consumption to give your clients that your systems are performing as promised.
- Facilities managers—Get the detailed data you need to prioritize and reduce your site's energy usage. You can also compare results across similar sites and identify supply and equipment issues.
- Users performing energy audits—For more info see ISO 50002:2014.

### Is Your Power Provider Overcharging You? Find Out!

To cut energy costs, businesses and organizations are installing energy management systems and performing energy audits to reduce energy consumption and improve performance. With our new Power & Energy Datalogger Kit, users can view onsite power consumption given in kilowatt hours.

Accsense ElectroCorder three-phase power factor dataloggers record energy (kWh) and power (kW) usage, checking voltage and current variations to diagnose any related issues or to gather data. Since the datalogger records both voltage and current, users can determine if low voltage is related to high current demands onsite or if the low voltage is being supplied to the site.

### Power Datalogger Features:

- Three Voltage channels 500Vac, three Current channels 400A, 1kA, 2kA or 3kAac.
- Records Voltage, Current, Power factor, Power and Energy.
- Three Voltage input channels (L1, L2, & L3), 0-600V & Neutral(N).
- Voltage channels record VAvg, VMax & VMin on all 3 channels. Data is stored in non-volatile memory.

## PRESS RELEASE

---

- Three current channels (A1, A2 & A3) 400A, 1kA, 2kA & 3kA, model-dependent.

The Accsense Electrorecorder Three-Phase Voltage and Current datalogger is designed to monitor one, two or three current channels (measuring up to 400A, 1kA, 2kA or 3kAac), as well as one, two or three voltage channels (measuring from 30V-500Vac). The datalogger also enables users to monitor the loading and energy consumption of the installation. Power Factor recorded is the phase angle between L1 and A1. Amp ranges are selectable from 400 to 3000. When only a single-phase voltage supply is available, users can set the EC-7VAR to monitor and record three-phase energy using its three current inputs and a single-phase voltage input instead of the normal three voltage inputs. At single-phase, the IP43-rated logger records at a range of 30V-300V.

### Why Accsense Electrorecorder?

Why is Accsense Electrorecorder better than competitors? Our kit's datalogger uses a constant sampling technique, while many competing products just take a single 'snapshot' sample and go back to sleep, missing nearly all of the data necessary to find savings and spot problems.

The data logger also stores voltage and current levels along with dates and times. With the back-up battery, the device can continue to record for months.

### Kit Accessories:

With our cost-effective kit, you save the price of having to pay for extra current clamps and memory. CAS DataLoggers provides the EC-7VAR as part of a cost-effective kit which includes the datalogger itself, 4 voltage leads, transducers, 3 Rogowski coils, a USB lead for quick data retrieval, and a convenient carry case. The included Rogowski coils fit around 140mm diameter cables and break open at the black joints so users can place them around the cables without needing to break the main circuit.

### Software Included!

The included Electrosoft software allows users to define the voltage to plot power and energy, then upload recorded data via USB to a PC for analysis. Using the software, users can also print out an audit output graph giving proof of the details of the facility's energy usage and performance so owners can identify savings areas.

For more information on the Electrorecorder EC-7VAR Three-Phase Power and Energy Datalogger, more Accense Electrorecorder models, contact a CAS Data Logger Applications Specialist at (800) 956-4437 or visit our website at [www.DataLoggerInc.com](http://www.DataLoggerInc.com).