



Panel Components & Systems, Inc.
 Telephone: 1 (973) 448-9400 or 1 (800) 523-9194
 www.pc-s.com

**THE
 ULTIMATE
 GENERATOR
 TOOL**

NEW! EGEN Tool Kit for Capacity and Load Analysis

PC&S now offers complete monitoring kits for determining capacity requirements of standby sources, in accordance with the new NEC 702.5 regulations. The EGEN Tool Kit will measure loads based on max demand (kVA demand averaged over a 15-minute period) continuously recorded over a 30-day period.

**Simple and Complete Kits
 lets you get going *fast!***



**NEW! EGEN Kit (top) with
 clamp-on current transformers.
 Each kit is packed into a heavy-duty
 carrying case!**

- ❑ Quickest and easiest way to measure your system's kVA demand AND comply with the NEC 220.35
- ❑ Measures all types of system parameters: Volts, Amps, Watts, Volt-Amps (VA), Volt-Amps reactive (VAR), Kilowatts (KW), Kilowatt Hours (kWh), Power Factor and Harmonics. 144 different parameters can be measured!
- ❑ User defined recording intervals of 3, 15, 30 seconds; 1, 2, 5, 10, 15, 20, 30 minutes; and 1, 12 or 24 hours.
- ❑ Communications via direct RS232, RS485 or Ethernet connection. USB port also included!
- ❑ Simple-to-use Windows-based software makes it easy to generate load analysis reporting.
- ❑ 4 versions in stock and ready to go!

PC&S has designed four individual kits based on system sizing. Each **EGEN Kit** includes a standard memory interval recording power meter, three current transformers, a complete communications software package with USB adapter packed in a heavy-duty carrying case! A complete unit, ready to go!

**SAVE COSTS!
 See the reverse side for
 the current measuring
 EGEN-C Kit.
 Measure 4 channels of
 current for load analysis.
 CALL TODAY!**

Model No.	CT Type	Max Amps	Kit Cost
EGEN 65S	Split-core	65A	\$1,600.00
EGEN 200S		200A	\$1,625.00
EGEN 150C	Clamp-on	150A	\$1,995.00
EGEN 500C		500A	\$2,100.00

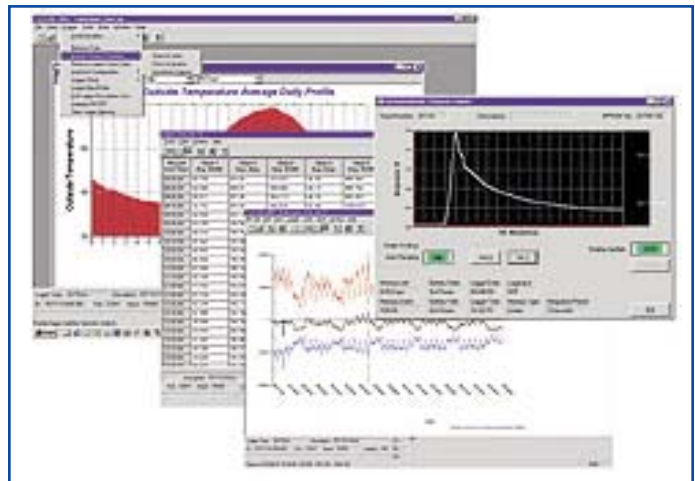
Easy-to-Use Software

The easy-to-use communications software package that is included handles everything from Setup, Real-time Data Display, Data Analysis, Harmonic / Waveform Capture Analysis, and Automatic Data Collection. It is all built into this Microsoft Windows™ based software.

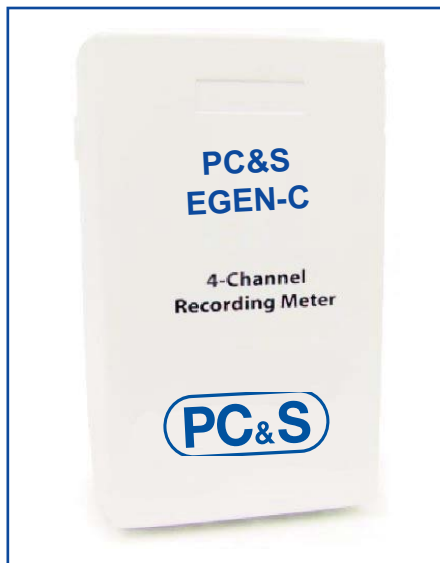
The software automatically detects what type of instrument it is communicating with and adjusts the appropriate options accordingly. This makes setting up your equipment even easier. All of the options are fully user configurable and can be turned ON or OFF with just one click. Communications capabilities can be explored with the Tool Bar including the LoggerList which is a listing of all loggers that are set up for Wired or Wireless communications.

With the software, you can:

- Calculate load based on max demand (measure of average power demand over a 15-minute period) continuously recorded.
- View a data file to analyze functions: by average, load factor, maximum, minimum, totals
- Graph daily activity or specific data points, by channel
- Summarize overall activity by channel and logger as a data file
- Display multiple data windows to show real-time activity for your most important parameters
- Graphically display present readings to highlight logged parameters, as well as parameters in "alarm" area
- Connect multiple loggers in a network and display essential data
- Multiple channel setup: 1 to 4 power channels; 2 power sum channels
- Setup loggers quickly and easily with easy-to-understand screens and user-friendly drop-down menus



EGEN-C Measures Current Loads



Measure up to 4 current channels with the **EGEN-C** Recording Ammeter Kit.

- Record up to 4 channels of current
- Kit includes 3 split-core or clamp-on CTs
- Easy-to-use software included
- Complies with NEC 702.5 specifications for ampacity load analysis

Model No.	CT Type	Max Amps	Kit Cost
EGEN-C Logger and software only			\$785.00
EGEN-C 65A	Split-core	65A	\$985.00
EGEN-C 200B		200A	\$1,000.00
EGEN-C 150C	Clamp-on	150A	\$1,375.00
EGEN-C 500D		500A	\$1,485.00



For more information, please contact:

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