

PRODUCT DATASHEET

3-Phase Power Analyzer/Datalogger

Saves data on an SD card in Excel® format

For easy transfer to a PC for analysis

Features:

- · Large dot-matrix, sun-readable, numerical, backlit LCD
- Full system analysis with up to 35 parameters
 - V (phase-to-phase), V (phase-to-ground)
 - A (phase-to-ground)
- KW / KVA / KVAR / PF (phase)
- KW / KVA / KVAR / PF (system)
- KWH / KVAH / KVARH / PFH (system)
- Phase angle
- Optional 200A, 1200A Current Clamps or 3000A Flexible Current Probes
- Adjustable Current Transformer CT (1 to 600) and Potential Transformer PT (1 to 1000) ratio for high power distribution systems
- Log up to 30,000 reading on a removable SD memory card in Microsoft Excel® format
- Wide sampling rate range (2 seconds to 2 hours)
- Built-in Clock and Calendar
- · Easy-to-use onscreen menu
- · Easy-to-hold rugged over molded housing







Backlit LCD displays numerical values. The data can be stored in SD memory card (included) and then transferred from meter to PC using Excel® software and datalogged readings.

Complete with meter, 4 voltage leads with alligator clips, 8 AA batteries, SD memory card, Universal AC adaptor (100 to 240V), and durable hard carrying case. Clamp probes sold separately.



Optional Clamp Probes

Choose the best clamp probes to fit your application needs ranging from 200A to 3000A and flexible vs traditional jaw type.



Model PQ34-2 200A Current Clamp Probes with 0.8" (19mm) jaw opening



Model PQ34-12 1200A Current Clamp Probes with 2" (50mm) jaw opening



Model PQ34-30 3000A (24"/600mm) Flexible Current Clamp Probes for wrapping around busbars

Range	Basic Accuracy
600.0V	\pm (0.5%rdg+0.5V)
1200A	\pm (0.5%rdg+0.5A)
9.999MW	$\pm (1.0\% \text{rdg} + 0.008 \text{MW})$
9.999MVA	±(1.0%rdg+0.008MVA)
9.999MVAR	±(1.0%rdg+0.008MVAR)
0.00 to 1.00	±0.04
45Hz to 65Hz	±0.1Hz
-180° to +180.0°	±1°
200mV, 300mV, 500mV	\pm (0.5%rdg+5d)
1V, 2V, 3V; user-selectable	
0.0kWh to 9.999MWH	±(2.0%rdg+0.008MWH)
0.0KVAh to 9.999MVAH	±(2.0%rdg+0.008MVAH)
0.0kVARh to 9.999MVARH	±(2.0%rdg+0.008MVARH)
30,000 readings (2GB SD memory Card)	
CE/CAT III-600V	
8.86 x 4.92 x 2.52" (225 x 125 x 64mm)	
Meter: 2.2lbs (1010g)	
	600.0V 1200A 9.999MW 9.999MVA 9.999MVA 9.999MVAR 0.00 to 1.00 45Hz to 65Hz -180° to +180.0° 200mV, 300mV, 500mV 1V, 2V, 3V; user-selectable 0.0kWh to 9.999MWH 0.0kVAh to 9.999MVAH 0.0kVAh to 9.999MVAH 0.0kVAh to 9.999MVAH 0.0kVAh to 9.999MVAH 0.0kVAR to 9.990MVAH 0.0kVAR to 9.999MVAH 0.0kVAR to 9.998MVAH 0.0kVAR to 9.988MVAH 0.0kVAR to 9.888MVAH 0.0kVAR to 9.888MV



PQ3450.......3-Phase Power Analyzer/Datalogger
PQ34-2......200A Current Clamp Probes (set of 3)
PQ34-12......1200A Current Clamp Probes (set of 3)
PQ34-30.....3000A Flexible Current Clamp Probes (set of 3)
PQ1000......Voltage Test Leads with Alligator Clips (4 leads)

