



3-Phase Power Analyzer (800 Series)

- n True RMS
- n Single- or three-phase measurements
- n Data logging (1M memory)
- n Up to one month of recording time
- n 4-channels for voltage measurements
- n 4-channels for current measurements
- n Auto ranging
- n Min/Max/Avg
- n Energy and Harmonics Program
- n PowerVision™ Software
- n Lightweight, portable design
- n Easy-to-use push-button operation
- n Backlit display
- n Customized data collection
- n Optional FIFO memory
- n Real-time clock
- n Programmable trigger-points and start/stop time
- n Intelligent battery charging system
- n Easy set-up
- n Interactive demo CD
- n 2-year warranty

POWER & ENERGY MEASUREMENTS

- n Kilowatts (kW)
- n Volt-amperes (VA)
- n Inductive reactive power (kvarL)
- n Capacitive reactive power (kvarC)
- n Power factor (PF)
- n Frequency
- n Kilowatt hours (kWh)
- n Reactive power per hour (kvarh)

HARMONICS MEASUREMENT

- n Total harmonic distortion (% THD)
- n Harmonic factorization (FFT) to 51st harmonic

Description	Cat. No.
Power Analyzer w/four Clamps	61-807
Power Analyzer without Clamps	61-806-X

Model 807 includes neutral clamp.

Standard Equipment	61-806-X	61-807
1000AAC Clamps (61-811)	optional	•
100AAC Neutral Clamp (61-813)	optional	•
Voltage leads with Alligator Clips (TL-805)	•	•
Power supply with RS-232 Interface and cables	•	•
PowerVision™ Analysis Software	•	•
Demonstration CD and Instructions	•	•

Accessories

Optional	
1000AAC Clamps (set of 3)	61-811
100AAC Neutral	61-813
5AAC Compact Neutral Clamp	61-814
2000AAC Clamps (set of 3)	61-810
5AAC Compact	61-819
100AAC Compact Clamps (set of 3)	61-820
100AAC Compact Neutral Clamp	61-821
200/2000/20000AAC Flexible Clamp (set of 3)	61-457
Voltage Leads with Alligator Clips	TL-805



1000V

300V

Power Analyzer Specifications	61-806-X, 61-807	
	RANGE & RESOLUTION	ACCURACY
AC VOLTAGE	20 to 600 V (phase-neutral) 20 to 866 V (phase-phase)	0.5% 0.5%
AC CURRENT	10 to 1000A (with supplied clamp adapters)	1.0%
ACTIVE POWER	866 kW (with supplied clamp adapters)	1.0%
REACTIVE POWER	866kV (with supplied clamp adapters)	1.0%
POWER FACTOR	0.5 to 1.0	1.0%

