

Model 6200

Graphic Power Quality Analyzer



Features

- Analyzer for Single-Phase and Balanced Three-Phase Systems.
- Harmonic Analysis of Voltage and Current (1 to 50th order).
- True-RMS measurement of Volts with 0.5% of reading basic accuracy.
- True-RMS measurement of Amps with 2% of reading basic accuracy.
- Graphic Waveform of Voltage and Current.
- Transient Detection and Logging of Swell, Dip, and Outage.
- Active Power (W, KW, MW, GW).
- Apparent (VA, KVA, MVA).
- Reactive Power (VAR, KVAR, MVAR).
- Measure Power Factor and Phase Angle.
- Energy (WH, KWH, KVARH, PFH).
- Programmable VT ratio from 1 to 3000.
- Display of Overlapped Voltage and Current Waveform.
- Maximum Demand (MD in W, KW, MW) with Programmable Period.
- Harmonic Analysis (V and I) to the 50th Order.
- Data Hold functions.
- Auto power Off function in 15 minutes (selectable).
- Optional isolated USB data connection.
- Unlimited data logging facility using a PC.
- **Analyzer supplied with: User's Manual, Software User's Manual, Software CD, Test Leads, Alligator Clips, RS232 to USB Bridge, two 1.5 volt Batteries and Carrying Bag.**

- Display of 25 Harmonics in One Screen.
- Data-logging of 32, 64, 128, or 256 points/cycles.
- Analysis of Total Harmonic Distortion (%THD-F).
- Graphic Phasor Diagram.
- Capture 128 Transient Events (Time + Cycles + Faults) with Programmable Threshold (%), also can be reviewed in LCD display.
- 50,000 Records with Programmable Interval (1 to 6,000 seconds).
- Real-time Output of Waveform, Power Parameters and Harmonics at Command.
- Large LCD Display with Backlight.
- Optical Isolated RS-232C Interface.
- Power saver for Long-term Monitoring.
- Built-in Calendar/Clock for Data Logging.

Specifications [Prova 6200 Datasheet](#) (PDF)

General Specifications	
Conductor Size	Cable diameter 55mm approx. Bus Bar 65mm x 24mm
Range Selection	Auto
Display	128 x 64 Dot Matrix LCD with Backlight
LCD Update Time	2 times/second
Number of Samples per Period	512 samples (voltage or current) 256 samples (power)
Altitude	up to 2000 meters

Power Supply	Two 1.5 volt batteries
Power Consumption	10mA (approx.)
Auto Power Off	After 15 minutes
Overload Indication	Yes , (OL)
Operating Temperature	-10°C to 50°C
Storage Temperature	-20°C to 60°C
Operating Humidity	Less than 85% relative
Storage Humidity	Less than 75% relative
Dimensions	271mm (L) x 112mm (W) x 46mm (D)
Weight	647g (batteries included)