

# Keysight Technologies

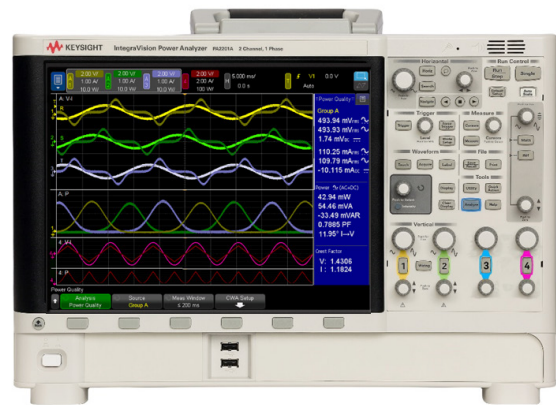
## IntegraVision Power Analyzer Model PA2203A

### See it, measure it, prove it

The Keysight IntegraVision power analyzer is an intuitive combination of accurate power measurements and touch-driven oscilloscope visualization. Within a single instrument, it delivers the dynamic views you need to see, measure and prove the performance of your design.

### Make all of your critical power measurements with one instrument

- Achieve power analyzer accuracies and scope-like waveform visualization with reduced setup time
- Address multiple test scenarios with the flexibility of wide-ranging, isolated inputs
- Visualize transients, in-rush currents and state changes with a high-speed digitizer that captures voltage, current and power in real time
- Analyze voltage, current, and power in the time and frequency domains
- Choose from multiple wiring configurations (including Wye and Delta) to acquire 3-phase measurements
- Visualize phase relationships using phasor diagram
- Measure a wide range of current with 2A, 50A, and external probe input standard on every channel
- Explore your design and gain new insights through the 12.1" high-resolution display with touch interface
- Save space on your bench with minimum-depth form factor



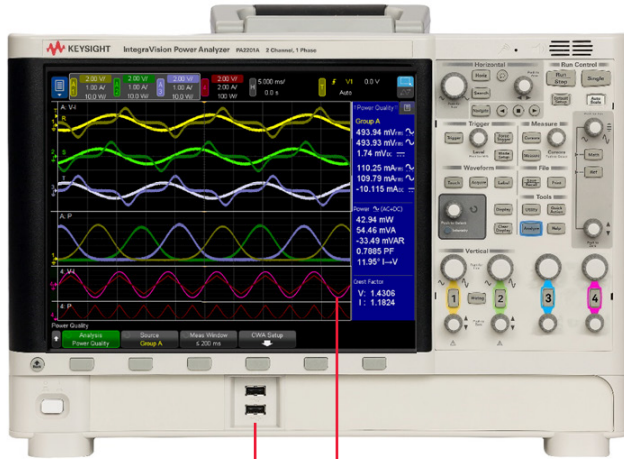
### Key specifications

- 4 channels; each measures voltage, current and power; suitable for 1 and 3-phase AC
- Isolated and floating to 1000 Vrms (Cat II)
- 5 M samples/second at 16 bits on every waveform simultaneously
- Basic accuracy: voltage = 0.05% of reading + 0.05% of range; power = 0.1% of reading + 0.05% of range
- Timebase: 50 s/div (500 seconds) maximum; 20  $\mu$ s/div (200  $\mu$ s) minimum
- Voltage: Measures 1000 Vrms / 2000 Vpeak with BW up to 2.5 MHz
- Current: Measures current directly using 2 internal shunts (2 Arms and 50 Arms) with BW up to 100 KHz
- Supports external current probes and transducers of up to 10 V full scale with BW up to 2.5 MHz
- Log data to external USB drive with intervals as fast as 50 ms per reading
- Voltage and current measurements of DC, ACrms, ACrms with DC, Frequency, Maximum, Minimum, Crest Factor
- Power measurements of Real Power, Apparent Power, Reactive Power, Phase Angle, Power Factor
- Measures: Voltage or current harmonics up to 250 orders, Efficiency, Amp-Hours, Watt-Hours, VA-Hours
- 29 pre-defined waveform measurements
- Check pre-compliance to IEC 61000-3-2 (classes A, B, C, and D)
- Calibration cycle: 1 year



Unlocking Measurement Insights

16.8" 426 mm (Full Rack)



USB for file transfer  
12.1" diagonal LCD with capacitive multi-touch

11.4"  
289 mm (7U)

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at: [www.keysight.com/find/contactus](http://www.keysight.com/find/contactus)

**Americas**

Canada (877) 894 4414  
Brazil 55 11 3351 7010  
Mexico 001 800 254 2440  
United States (800) 829 4444

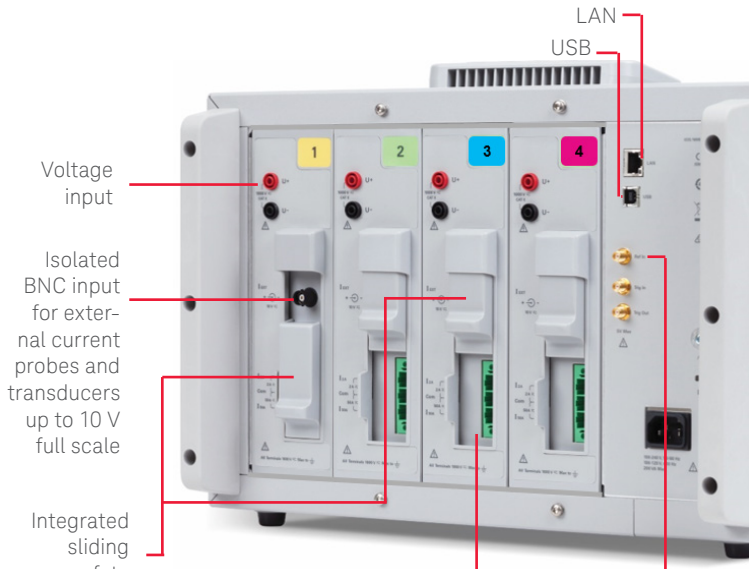
**Asia Pacific**

Australia 1 800 629 485  
China 800 810 0189  
Hong Kong 800 938 693  
India 1 800 11 2626  
Japan 0120 (421) 345  
Korea 080 769 0800  
Malaysia 1 800 888 848  
Singapore 1 800 375 8100  
Taiwan 0800 047 866  
Other AP Countries (65) 6375 8100

**Europe & Middle East**

Austria 0800 001122  
Belgium 0800 58580  
Finland 0800 523252  
France 0805 980333  
Germany 0800 6270999  
Ireland 1800 832700  
Israel 1 809 343051  
Italy 800 599100  
Luxembourg +32 800 58580  
Netherlands 0800 0233200  
Russia 8800 5009286  
Spain 800 000154  
Sweden 0200 882255  
Switzerland 0800 805353  
Opt. 1 (DE)  
Opt. 2 (FR)  
Opt. 3 (IT)  
United Kingdom 0800 0260637

For other unlisted countries: [www.keysight.com/find/contactus](http://www.keysight.com/find/contactus) (BP-9-7-17)



Voltage input

Isolated BNC input for external current probes and transducers up to 10 V full scale

Integrated sliding safety cover

Directly connected current input: 2 internal shunts for 2 Arms / 6 A peak and 50 Arms / 100 A peak

Trigger in/out

[www.keysight.com/find/services](http://www.keysight.com/find/services)

Keysight Services helps you improve productivity and product quality with our comprehensive service offerings of one-stop calibration, repair, asset management, technology refresh, consulting, training, and more.



[www.keysight.com/go/quality](http://www.keysight.com/go/quality)  
Keysight Technologies, Inc.  
DEKRA Certified ISO 9001:2015  
Quality Management System