

Keysight Technologies

AC6800 Series Basic AC Power Sources



Engineer reliability into your designs with a new basic AC source alternative

Maximize your uptime and test your devices with confidence your products will perform as designed – even if voltage from the AC power grid is fluctuating or you are facing extreme inrush current or transient spikes.

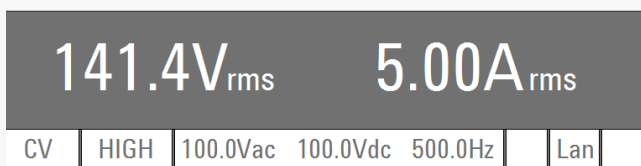
Keysight Technologies' new AC6800 Series basic AC sources offer the quality and capability you need:

- Intuitive user interface – If you've used an Agilent DC power supply, you'll feel right at home with these AC sources.
- Flexible I/O – LAN/LXI Core and USB (standard), and GPIB (optional). And you can access and control the source remotely via a standard browser.
- Low cost of ownership – backed with global support and the longest standard warranty in the industry.

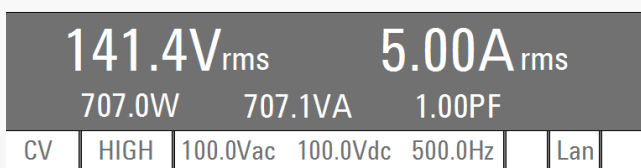
Easy operation with an intuitive, time-tested user interface

Set your display to show just the information you want

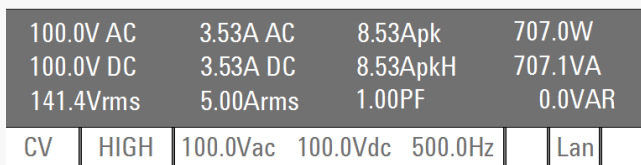
Simply click through the metering options to modify the display to show your measurement priorities and increasing levels of details.



See basic voltage and current measurement information



See voltage, current and power measurement information



See full details of all measurement information available

If you need to generate and analyze more sophisticated waveforms or more complex transient signals, the Keysight 6800B Series AC power source/analyzers with built-in arbitrary waveform generator give you the ability to source and analyze more complex AC applications up to 1750 VA.

Choose the model that meets your AC source requirements

AC6800 Series Basic AC Sources				
	AC6801A	AC6802A	AC6803A	AC6804A
Phases	Single			
AC output mode				
Maximum output power	500 VA	1000 VA	2000 VA	4000 VA
Voltage ranges (low/high range)	135 Vrms/270 Vrms			
Maximum rms current (low/high range)	5 A/2.5 A	10 A/5 A	20 A/10 A	40 A/20 A
Frequency	40-500 Hz			
DC output mode				
Voltage ranges (low/high range)	190 V/380 V			
Maximum current (low/high range)	4 A/2 A	8 A/4 A	16 A/8 A	32 A/16 A
Power capacity	400 W	800 W	1600 W	3200 W
Measurements	Voltage, current, power, AC+DC			
Transients and advanced measurements	N/A Note: Basic transient capability via optional analog card (Option: AC68ALGU)			
I/O	LAN/LXI Core with remote Web interface USB GPIO (Option: AC68GPBU)			

Accessories and options

AC6800 Series Basic AC Sources

AC68GPBU	Upgrade user installable GPIO interface board for AC6800 Series AC sources
AC68ALGU	Upgrade user installable analog interface board for AC6800 Series AC sources
AC68RAC3	Rack mount kit for AC6801A, AC6802A, AC6803A (flanges only)
AC68RAC6	Rack mount kit for AC6804A (flanges only)

www.keysight.com/find/AC6800

This information is subject to change without notice.
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