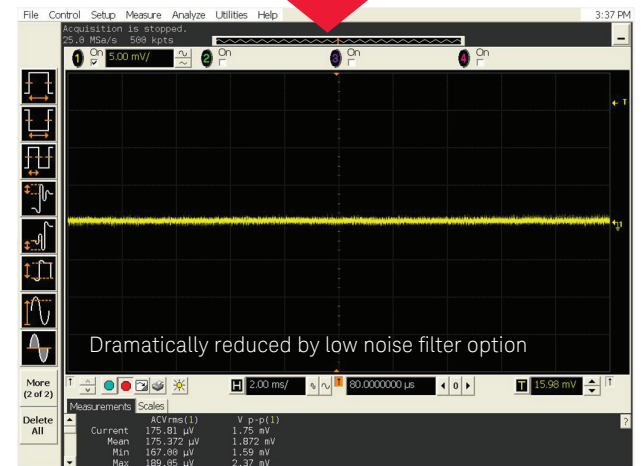
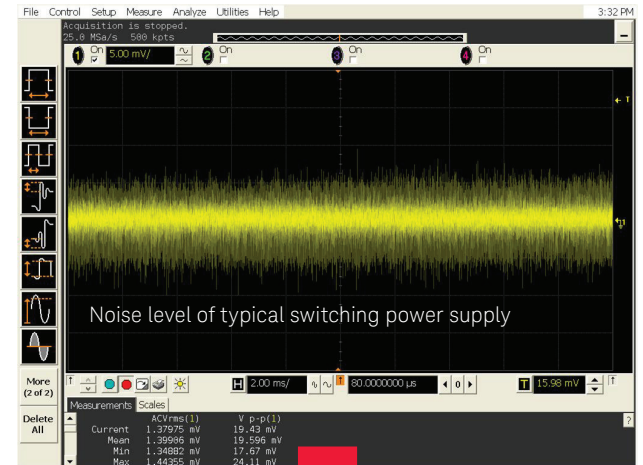


Product Fact Sheet

Keysight Technologies, Inc. B2961A/B2962A 6.5 Digit Low Noise Power Sources 1 ch/2 ch, 210 V, 3 A DC/10.5 A Pulse, 31.8 W

A revolutionary power supply for precision and low noise voltage/current sourcing



Captured by oscilloscope

6.5 digit, 100 nV/ 10 fA resolution	Enables more accurate testing and evaluation for a broad range of applications – AD/DA converters, RF components, etc.
10 μVrms noise performance	Enables critical testing and evaluation for noise sensitive devices and samples – VCOs, oscillator devices, etc.
Wide-range AWG, DC voltage/current emulation	Enables more advanced test and evaluation than ever before – Sensors and transducers, batteries, etc.

Key specifications and characteristics

Model	Description	Voltage noise (10 Hz to 20 MHz)	Max output				Min. source resolution		ARB	
			Power	Voltage	DC current	Pulse current	Voltage	Current	Memory	Built-in functions
B2961A	Low noise power source 1 ch	3 mVrms	31.8 W	± 210 V	± 3.03 A	± 10.5 A	100 nV	0.01 pA	100 k points	Sine, Square, Trapezoid, Ramp, Triangle, Exponential, User defined
B2962A	Low noise power source 2 ch									
B2961A with N1294A-022	B2961A with low noise filter option	350 µVrms ¹	31.8 W	± 210 V	± 3.03 A	± 3.03 A	100 nV	10 pA		
B2961A with N1294A-021	B2961A with ultra-low noise filter option	10 µVrms ¹	4.4 W	± 42 V	± 0.1A	± 0.1 A	100 nV	10 pA		

1. Supplemental characteristics

Options and accessories

Model	Option	Description
B2961A B2962A	A6J	ANSI Z540 compliant calibration
	UK6	Commercial calibration certificate with test data
	ABA	User's Guide, English
	ABJ	User's Guide, Japanese
	1CM	Rack mount kit
N1294A	001	Banana-triaxial adapter for 2-wire (non-Kelvin)
	002	Banana-triaxial adapter for 4-wire (Kelvin)
	021	Ultra low noise filter for B2961A/62A
	022	Low noise filter (210 V/3 A) for B2961A/62A
	031	GPIO-BNC trigger adapter

Need more measurement capability...

Keysight B2901A/B2902A/B2911A/B2912A Precision Source/Measure Unit is available



www.keysight.com/find/b2900a

To learn more... Please visit our website below:

www.keysight.com/find/precisionSOURCE

Three-Year Warranty

www.keysight.com/find/ThreeYearWarranty

Keysight's commitment to superior product quality and lower total cost of ownership. The only test and measurement company with three-year warranty standard on all instruments, worldwide.



Keysight Assurance Plans

www.keysight.com/find/AssurancePlans

Up to five years of protection and no budgetary surprises to ensure your instruments are operating to specification so you can rely on accurate measurements.

