

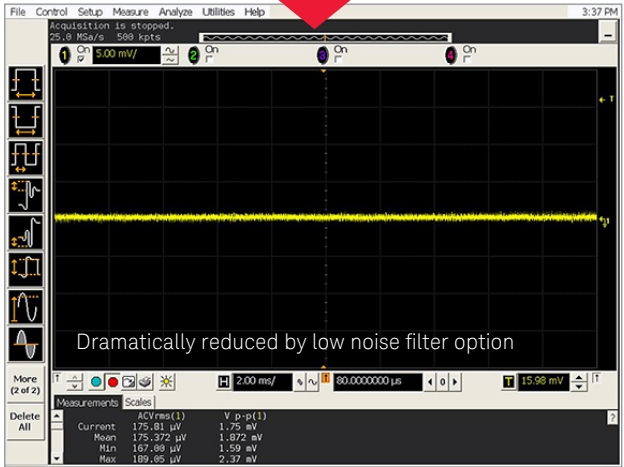
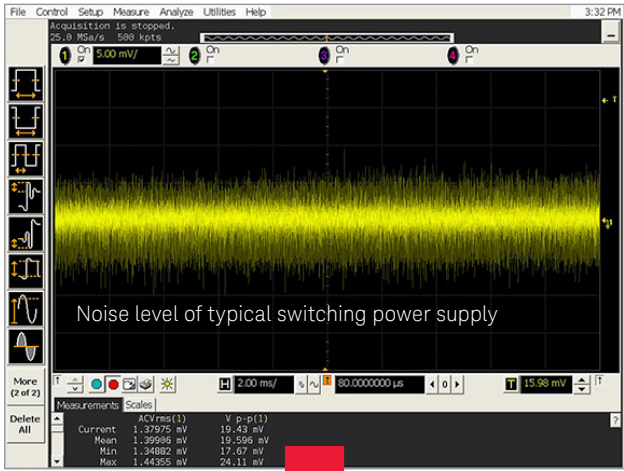
Product Fact Sheet

Keysight 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



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 $\mu$ Vrms 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.



Captured by oscilloscope

## 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 $\mu$ Vrms <sup>1</sup>	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 $\mu$ Vrms <sup>1</sup>	4.4 W	± 42 V	± 0.1 A	± 0.1 A	100 nV	10 pA		
B2961A with N1294A-020	B2961A with high current ultra-low noise filter option	10 $\mu$ Vrms <sup>1</sup>	10.5 W	± 21 V	± 0.5 A	± 0.5 A	100 nV	1 nA		

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)
	020	High current ultra low noise filter for B2961A/62A
	021	Ultra low noise filter for B2961A/62A
	022	Low noise filter (210 V/3 A) for B2961A/62A
	031	GPIO-BNC trigger adapter



### Three-Year Warranty

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

Keysight's committed to superior product quality and lower total cost of ownership. Keysight is the only test and measurement company with a three-year warranty standard on all instruments, worldwide. And, we provide a one-year warranty on many accessories, calibration devices, systems and custom products.



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## B2900 precision instrument family

The B2900 family contains products that perform both precision sourcing and precision measurement.



[www.keysight.com/find/b2900a](http://www.keysight.com/find/b2900a)



Unlocking Measurement Insights

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