

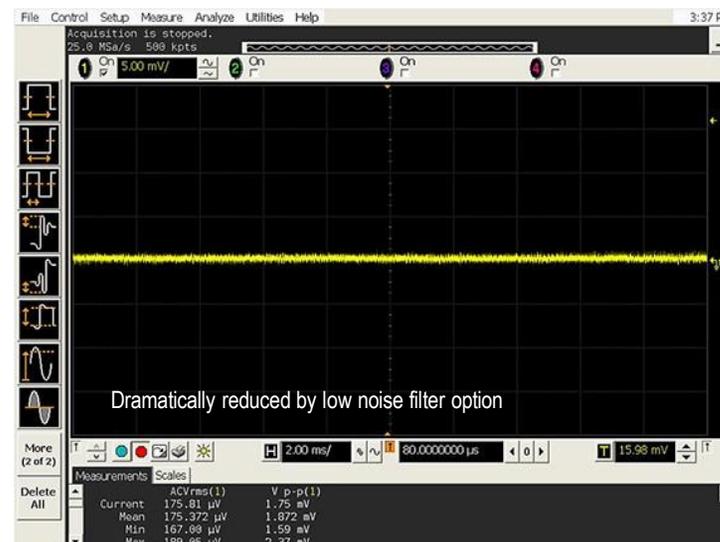
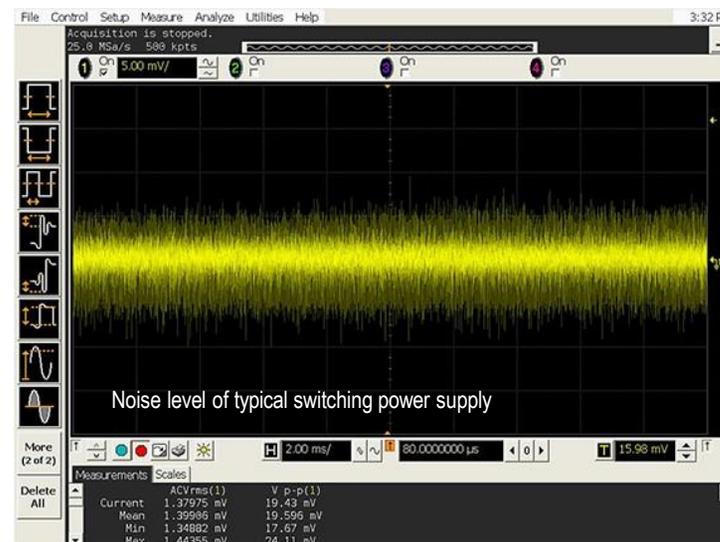
# B2961B/B2962B 6.5 Digit Low Noise Power Sources

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
B2961B	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
B2962B	Low noise power source 2 ch									
B2961B with N1298C	B2961B with low noise filter option	350 µVrms <sup>1</sup>	31.8 W	± 210 V	± 3.03 A	± 3.03 A	100 nV	10 pA		
B2961B with N1298B	B2961B with ultra-low noise filter option	10 µVrms <sup>1</sup>	4.4 W	± 42 V	± 0.1 A	± 0.1 A	100 nV	10 pA		
B2961B with N1298A	B2961B with high current ultra-low noise filter option	10 µVrms <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
B2961B B2962B	1A7	Calibration + Uncertainties + Guardbanding (Not Accredited)
	A6J	ANSI Z540 compliant calibration
	UK6	Commercial calibration certificate with test data
N1297A		Banana-triaxial adapter for 2-wire (non-Kelvin)
N1297B		Banana-triaxial adapter for 4-wire (Kelvin)
N1298A		High current ultra low noise filter for B2961/62
N1298B		Ultra low noise filter for B2961/62
N1298C		Low noise filter (210 V/3 A) for B2961/62
N1294A	031	GPIO-BNC trigger adapter

### B2900 precision instrument family

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



[www.keysight.com/find/b2900](http://www.keysight.com/find/b2900)

Learn more at: [www.keysight.com](http://www.keysight.com)

Find us at [www.keysight.com](http://www.keysight.com)

This information is subject to change without notice. © Keysight Technologies, 2020, Published in USA, September 28, 2020, 3120-1488.EN