

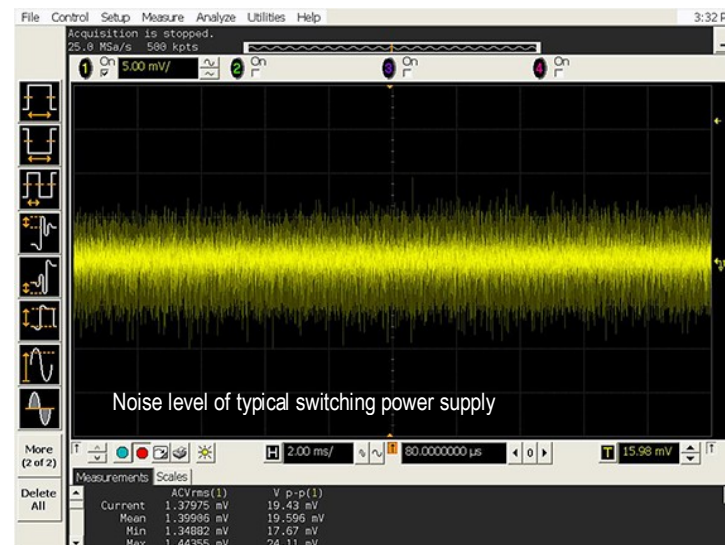
B2961B/B2962B 6.5 Digit Low Noise Power Sources

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 μ 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		Memory	ARB Built-in functions
			Power	Voltage	DC current	Pulse current	Voltage	Current		
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 ¹	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 ¹	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 ¹	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.



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