

B2961C / B2962C 6.5 Digit Low Noise Power Sources

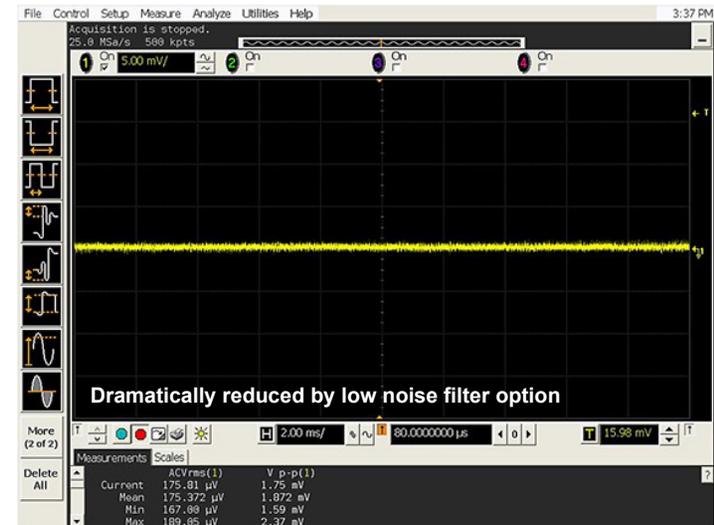
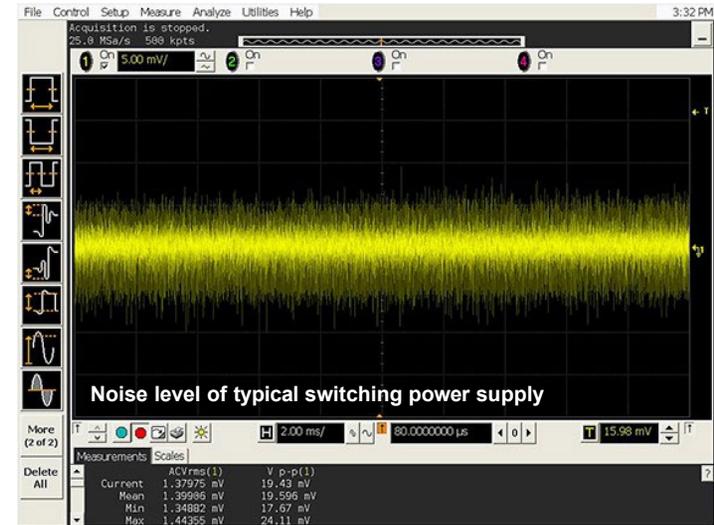
1 ch/2 ch, 210 V, 3 A DC/10.5 A Pulse, 31.8 W

Revolutionary power supply for precision and low noise voltage / current sourcing



Key features

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 of noise-sensitive devices and samples of 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

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
B2961C	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
B2962C	Low noise power source 2 ch									
B2961C with N1298C	B2961C with low noise filter option	350 µVrms ¹	31.8 W	± 210 V	± 3.03 A	± 3.03 A	100 nV	10 pA		
B2961C with N1298B	B2961C with ultra-low noise filter option	10 µVrms ¹	4.4 W	± 42 V	± 0.1 A	± 0.1 A	100 nV	10 pA		
B2961C with N1298A	B2961C 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
B2961C B2962C	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 offers products for both precision sourcing and measurement.



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