

B2960A Series low-noise power sources

Best-in-class noise performance

- Ultra-low noise performance with the external low-noise filter (10 μ Vrms)
- High sourcing resolution (6.5 digit, 100 nV / 10 fA)
- Innovative sourcing capability and superior GUI

www.keysight.com/find/B2960A



B2962A

Model	Number of channels	Max. voltage	Max. current (DC)	Output noise (10 Hz to 20 MHz)	Measurement resolution
B2961A/62A Low Noise Power Source	1 or 2	210 V	3.03 A	3 mVrms	4.5 digit
B2961A/62A Low Noise Filter				350 μ Vrms	
B2961A/62A Ultra-Low Noise Filter)		42 V	105 mA	10 μ Vrms	
B2961A/62A High Current Ultra-Low Noise Filter		21 V	500 mA		

B2900A Series source measure unit (SMU)

Best-in-class source and measurement performance

- Innovative graphical user interface: I-V measurement without PC programming
- High sourcing and measurement resolution 10 fA/100 nV
- Wide output range (210 V / 3 A DC / 10.5 A pulse)
- Complimentary software control options for your application needs

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B2912A

Model	B2901A	B2902A	B2911A	B2912A
Number of channels	1	2	1	2
Maximum voltage			210 V	
Maximum current (DC)			3.03 A	
Output resolution	5.5 digit			6.5 digit
Output noise (10 Hz to 20 MHz)			3 mVrms	
Measurement resolution			6½ digit	

How to evaluate low noise amplifiers

See the B2961A/62A 6.5 Digit Low Noise Power Source in action. We use voltage bias to the low noise amplifier by choosing the resistance to meet the recommended bias current. However, the problem that bias current is easily changed by environmental condition like temperature change is also indicated in the video.

 [Basic Electronic Measurement Series](#)

