

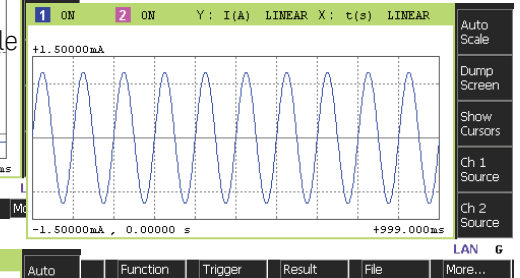
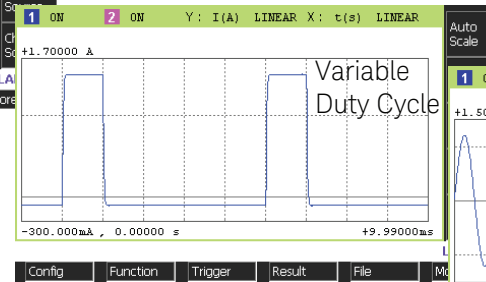
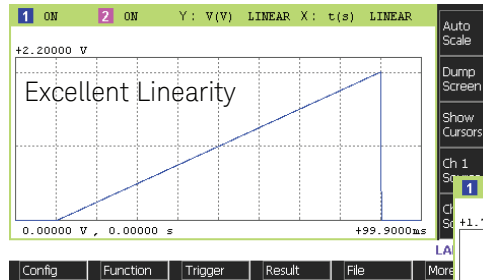
High Speed Current/Voltage Source Simplifies Electronic Circuit Final Verification/Validation/Debug

Keysight B2961A/62A 6.5 Digit Low Noise Power Source with 0.02 % basic accuracy & waveform monitor function

Voltage Source Mode 6.5 digit source resolution



Current Source Mode



Convenient FG/PG¹ function provides highest accuracy and stability available (basic accuracy 0.02 %, 1 mHz -10 kHz)

Enhance validation accuracy

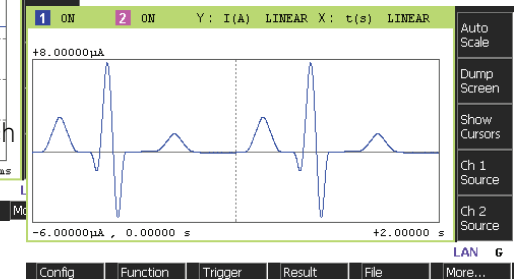
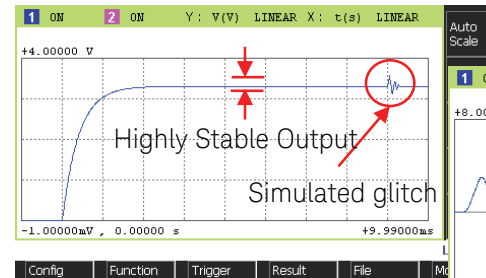
- Higher accuracy, higher stability and much lower noise than conventional power supplies greatly improve measurement results
- Arbitrary waveform generation (AWG) function enables you to emulate signal variations to the circuit as it switches on and off

Eliminate the need to create custom circuits for validation

- Low noise performance removes the need for an external filter circuit
- No stabilizing circuit is required
- No need to develop a circuit to source constant current

Improve test efficiency

- Voltage source's ability to monitor current eliminates need for additional meter
- No digital multimeter necessary since it can monitor its own output
- Source can be connected to the circuit output and operate as an electronic load



Various Output Modes

1. FG: Function Generator
PG: Pulse Generator

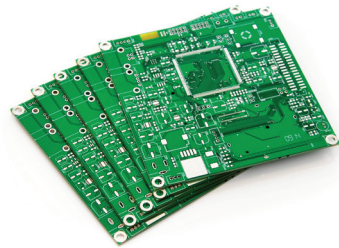
Key specification and characteristics

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	Sinusoid, 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 μ Vrms ¹	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 μ Vrms ¹	4.4 W	± 42 V	± 0.1 A	± 0.1 A	100 nV	10 pA		

1. Supplemental characteristics

Applications

- A/D & D/A converters
- High precision analog IC and circuitry
- RFICs and circuitry
- Voltage controlled oscillators (VCOs)
- Solar cells and the interface circuitry
- Crystal oscillators



The Keysight B2961A/62A current and voltage source is an ideal solution for validating electronic circuit performance and obtaining information that can be incorporated into a circuit's datasheet.

To Learn More....please visit our website below:
www.keysight.com/find/precisionSOURCE

Keysight B2900 Precision Instrument Family

The B2960A series is a member of the B2900 Precision Instrument Family, which includes several different source and measurement solutions. Further information is available at: www.keysight.com/find/b2900a



Three-Year Warranty

www.keysight.com/find/ThreeYearWarranty

Keysight's commitment to superior product quality and lower total cost of ownership. The only test and measurement company with three-year warranty standard on all instruments, worldwide.