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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6113A DC Power Supply

Agilent 6113A Precision DC Power Supply 0 V to 10 V 0 A to 2 A The HP 6113A is an STB-series precision CV/current-limiting DC supply. OEM 6101A Operating and Service Manual covers Models 6101A, 6102A, 6106A, 6111A, 6112A, 6113A, and 6116A; this model is rated 0 V to 10 V at 0 A to 2 A. Precision bench reference, 0.1 percent calibrator-class programming, and remotely sensed lab DC. Oven-stabilized zener reference on the STB series The HP 6113A is an STB-series precision CV/current-limiting DC supply. OEM 6101A Operating and Service Manual covers Models 6101A, 6102A, 6106A, 6111A, 6112A, 6113A, and 6116A; this model is rated 0 V to 10 V at 0 A to 2 A. Precision bench reference, 0.1 percent calibrator-class programming, and remotely sensed lab DC. Oven-stabilized zener reference on the STB series Ten-turn coarse plus fine voltage on 610x; 611x add thumbwheel programming

**MODEL****Agilent / Keysight
6113A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****6113A****LISTING**<https://aumictechlabs.com/products/6113a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6113A is a 20 W benchtop DC power supply engineered for precision applications in research, development, and automated testing. This obsolete model delivers stable, accurate voltage and current outputs to 10 V and 2 A respectively, making it suitable for sensitive electronic circuits and controlled laboratory environments. The unit employs a five-decade thumbwheel voltage programmer for manual output adjustment and supports remote programming via GPIB (IEEE-488) for automated system integration. Technical Specifications

Power Output: 20 W Output Voltage: Up to 10 V Output Current: Up to 2 A Front Panel Control: Five-decade thumbwheel voltage programmer Remote Interface: GPIB (IEEE-488) Form Factor: Benchtop Status: ObsoleteKey Features Precision voltage and current regulation suitable for sensitive measurement and test circuits Manual voltage programming via dedicated thumbwheel interface Remote programmability through GPIB connectivity for test automation Stable output characteristics under varying line and load conditionsTypical Applications Powering sensitive analog and digital test circuits Laboratory R&D environments requiring reliable, regulated DC sources Automated test systems with remote control requirements Legacy equipment replacement and maintenanceCompatibility & Integration The 6113A connects to automated test systems and control instruments via GPIB (IEEE-488) interface. Operating and Service documentation is available for integration support and troubleshooting.

6113A Characteristics / Specifications

PARAMETER	VALUE
Model	6113A
Instrument Type	Precision constant voltage current limiting DC power supply
Series Family	HP STB 6101A 6102A 6106A 6111A 6112A 6113A 6116A
Output Voltage Range	0 V to 10 V
Output Current Range	0 A to 2 A
Load Regulation Front Family	less than 0.001 percent plus 600 μ V (6101A Table 1-1 family)
Load Regulation Rear Family	less than 0.001 percent plus 100 μ V (6101A Table 1-1 family)
Line Regulation Family	less than 0.001 percent output change for any line change within rating (6101A Table 1-1)
Ripple Noise Peak Peak Family	less than 100 μ V peak-to-peak (6101A Table 1-1)
Ripple Noise Rms Family	less than 40 μ V rms (6101A Table 1-1)
Temperature Coefficient Front Family	less than 0.005 percent plus 30 μ V perCAfter 30 minute warm-up
Temperature Coefficient Remote Family	less than 0.001 percent plus 10 μ V perCAfter 30 minute warm-up
Stability 8 h Front Family	less than 0.01 percent plus 300 μ V for 8 hours, less than plus or minus 3 C ambient
Stability 8 h Remote Family	less than 0.01 percent plus 100 μ V for 8 hours
Stability 1 Month Family	less than 0.012 percent plus 120 μ V for one month
Operating Temperature Family	0 C to 50 C
Storage Temperature Family	minus 20 C to +85 C
Transient Recovery 10 mV Family	less than 50 μ s to within 10 mV after full load current change
Transient Recovery To Spec Family	less than 100 μ s to within load-regulation specification
Programming Coefficient Family	1000 ohms per volt with 0.1 percent plus 1 mV accuracy (6101A Table 1-1)
Output Impedance Dc To 100 Hz Family	less than 0.002 ohm
Current Limit This Model	2.1 A maximum current-limit test
Load Regulation Test Limit	1.2 mVdc at rated voltage (STB performance-test table)
Line Regulation Test Limit	0.1 mVdc for 105 to 125 Vac (STB performance-test table)

PARAMETER	VALUE
Remote Program Resistance Rated V	10 kOhm
Meter Voltage Scale Class	0 to 13 V class meter scale
Ac Input Family	105 to 125 / 210 to 250 Vac, 48 to 63 Hz
Size Family	3.5 inHx 8.5 inWx 12.625 inDWeight Family: 10 lb net, 13 lb shipping (6101A Table 1-1)
Floating Voltage Family	up to 300 V off ground
Programming Resolution Wiki	100 uV (HPWiki STB 6113A precision table)
Load Regulation Front Wiki	less than 0.001 percent plus 1.1 mV (HPWiki 6113A)
Thumbwheel Programmer	four-digit thumbwheels plus trim potentiometer on 611x STB models
Storage temperature	Family: minus 20 C to +85 C
Operating temperature	Family: 0 C to 50 C

General Specifications & Supplementary Characteristics

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Storage Temperature Family	minus 20 C to +85 C
Transient Recovery 10 mV Family	less than 50 us to within 10 mV after full load current change
Transient Recovery To Spec Family	less than 100 us to within load-regulation specification
Programming Coefficient Family	1000 ohms per volt with 0.1 percent plus 1 mV accuracy (6101A Table 1-1)
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Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

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Load Regulation Test Limit	1.2 mVdc at rated voltage (STB performance-test table)
Line Regulation Test Limit	0.1 mVdc for 105 to 125 Vac (STB performance-test table)

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Remote Program Resistance Rated V	10 kOhm
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Notes

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.