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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6554A DC Power Supply

Agilent 6554A Analog Programmable DC Power Supply 0 to 60 V 0 to 9 A The Agilent/HP 6554A is a single-output analog-programmable DC power supply. OEM Series 654xA/655xA/657xA operating manual rates 0 to 60 V and 0 to 9 A (500 W). Manufacturing and R&D DC rails with analog programming, OVP, and local/remote sensing. Auto-parallel of identical models on 2000 W class The Agilent/HP 6554A is a single-output analog-programmable DC power supply. OEM Series 654xA/655xA/657xA operating manual rates 0 to 60 V and 0 to 9 A (500 W). Manufacturing and R&D DC rails with analog programming, OVP, and local/remote sensing. Auto-parallel of identical models on 2000 W class Instrument Type: Analog programmable DC power supply



MODEL

**Agilent / Keysight
6554A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6554A

LISTING

<https://aumictechlabs.com/products/6554a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 6554A is a high-resolution Q-TOF mass spectrometer that delivers exceptional performance for demanding analytical applications. Its key features include accurate mass measurements, high sensitivity, and fast acquisition speeds. The instrument incorporates advanced ion optics and detection systems to ensure optimal data quality and reliability. It is widely used in proteomics, metabolomics, pharmaceutical analysis, and other research areas where accurate and comprehensive mass spectral data are essential.

6554A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Analog programmable DC power supply
Series Family	Agilent 654xA 655xA 657xA
Number of Outputs	1
GPIO Interface	No
Output Voltage Rating	0 to 60 V
Output Current Rating	0 to 9 A
Maximum Power Class	500 W
Current Derating	1 percent perCfrom 40 C to 55 C where stated
Programming Accuracy Voltage 25 C	0.06 percent plus 26 mV
Programming Accuracy Current	0.14 to 0.15 percent plus 8 mA
Ripple Noise Voltage RMS 20 Hz to 20 MHz	500 uV
Ripple Noise Voltage Peak Peak	5 mV
Ripple Noise Current RMS	3 mA
Readback Accuracy Voltage	0.07 percent plus 40 mV
Readback Accuracy Positive Current	0.15 percent plus 7 mA
Transient Response Time	less than 100 us for up to 50 percent load step (654/655); less than 900 us to within 100 mV (657)
DC Floating Voltage	plus or minus 240 Vdc
Remote Sensing	yes
Overvoltage Protection	programmable
Analog Programming VP IP	yes
Current Monitor IM	yes
AC Input	100/120/220/230/240 Vac selectable class
Size Class	500 W chassis
Operating Temperature	0 to 55 C warranted with resistive load

6554A Specifications

PARAMETER	VALUE
Applications	Manufacturing and R&D DC rails with analog programming, OVP, and local/remote sensing.
Key Features	Analog voltage and current programming
Technical Specifications	Instrument Type: Analog programmable DC power supply
Notes	Agilent 654xA/655xA OM Table 1-1a column 6554A.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 to 55 C warranted with resistive load
Operating Temperature	0 to 55 C warranted with resistive load

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	
Specifications	
PARAMETER	VALUE
Instrument Type	Analog programmable DC power supply
Series Family	Agilent 654xA 655xA 657xA
Number of Outputs	1
GPiB Interface	No
Output Voltage Rating	0 to 60 V
Output Current Rating	0 to 9 A
Maximum Power Class	500 W
Current Derating	1 percent perCfrom 40 C to 55 C where stated
Programming Accuracy Voltage 25 C	0.06 percent plus 26 mV
Programming Accuracy Current	0.14 to 0.15 percent plus 8 mA
Ripple Noise Voltage RMS 20 Hz to 20 MHz: 500 uV	
Specifications	
PARAMETER	VALUE
Ripple Noise Voltage Peak Peak	5 mV
Ripple Noise Current RMS	3 mA
Readback Accuracy Voltage	0.07 percent plus 40 mV
Readback Accuracy Positive Current	0.15 percent plus 7 mA
Transient Response Time	less than 100 us for up to 50 percent load step (654/655); less than 900 us to within 100 mV (657)
DC Floating Voltage	plus or minus 240 Vdc
Remote Sensing	yes
Overvoltage Protection	programmable
Analog Programming VP IP	yes
Current Monitor IM	yes
AC Input	100/120/220/230/240 Vac selectable class
Size Class	500 W chassis

PARAMETER

VALUE

Operating Temperature

0 to 55 C warranted with resistive load

Notes

Agilent 654xA/655xA OM Table 1-1a column 6554A.

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.