

**Aumictech**

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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6541A DC Power Supply

Agilent 6541A Analog Programmable DC Power Supply 0 to 8 V 0 to 20 A The Agilent/HP 6541A is a single-output analog-programmable DC power supply. OEM Series 654xA/655xA/657xA operating manual rates 0 to 8 V and 0 to 20 A (200 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 6541A is a single-output analog-programmable DC power supply. OEM Series 654xA/655xA/657xA operating manual rates 0 to 8 V and 0 to 20 A (200 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 6541A	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU 6541A	LISTING https://aumictechlabs.com/products/6541a-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

This unit Agilent / Keysight 6541A — Repair & Calibration Service Aumictech offers NIST-traceable calibration and repair for the Agilent / Keysight 6541A. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values Request Calibration → Request Repair Quote → Agilent / Keysight 6541A price This

6541A 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 8 V
Output Current Rating	0 to 20 A
Maximum Power Class	200 W
Current Derating	1 percent perCfrom 40 C to 55 C where stated
Programming Accuracy Voltage 25 C	0.06 percent plus 5 mV
Programming Accuracy Current	0.14 to 0.15 percent plus 26 mA
Ripple Noise Voltage RMS 20 Hz to 20 MHz	300 uV
Ripple Noise Voltage Peak Peak	3 mV
Ripple Noise Current RMS	10 mA
Readback Accuracy Voltage	0.07 percent plus 6 mV
Readback Accuracy Positive Current	0.15 percent plus 26 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	200 W chassis
Operating Temperature	0 to 55 C warranted with resistive load

6541A 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 6541A.

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	
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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 8 V
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Specifications	
PARAMETER	VALUE
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PARAMETER

VALUE

Operating Temperature

0 to 55 C warranted with resistive load

Notes

Agilent 654xA/655xA OM Table 1-1a column 6541A.

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.