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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP 0950-3276 VXI Mainframe Replacement Power Supply for E8401A

The Keysight/Agilent/HP 0950-3276 is a replacement power supply designed for the E8401A VXI Mainframe. It ensures continuous operation and reliable performance of VXI systems, crucial for data acquisition and analysis. This power supply offers stable voltage and current delivery, protecting sensitive electronic components within the mainframe.

**MODEL****Keysight / Agilent /
HP 0950-3276****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****0950-3276****LISTING**[https://aumictechlabs.c
om/products/0950-327
6-2/](https://aumictechlabs.com/products/0950-3276-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight / Agilent / HP 0950-3276 is a replacement power supply engineered specifically for the E8401A VXI Mainframe. This unit delivers 500 watts of usable power with stable voltage and current output, protecting sensitive electronic components within VXI systems used across data acquisition and laboratory test environments. Technical Specifications Output Power: 500 watts Voltage and Current Delivery: Stable voltage and current output to protect sensitive electronic components Power Supply Monitoring: Front panel diagnostics connector enables continuous local or remote system monitoring with basic mainframe status indication Cooling System: Independent air path with separate power supply cooling fan(s) for reliable thermal management and quiet operation Key Features Designed for high reliability and straightforward maintenance

Complies with VXI Specification via injector surface rails supporting QUIC easy module insertion and extraction Front panel diagnostics connector for system monitoring and easy fault identification Efficient cooling architecture with dedicated thermal management path Form factor optimized to fit within the E8401A VXI Mainframe envelope Compatibility & Integration Primary Application: Keysight / Agilent / HP E8401A VXI Mainframe replacement VXIbus Compliance: Meets VXIbus and VXI plug and play specifications Module Insertion: Supports QUIC easy module insertion and extraction per VXI Specification

09503276 Characteristics / Specifications

PARAMETER	VALUE
Model	0950-3276
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	VXI mainframe power supply
Alias	0950-3276
Parent Mainframe	E8401A C-size 13-slot VXI
Function	multi-rail switching PSU
Form	internal switching power supply
Related E8401A	13-slot C-size VXI chassis
Related High Power E1401B	0950-2283 / 0950-3704
Related 0950 21	other HP switching PSU board
Rails	VXI backplane +5 / plus-minus 12 / plus-minus 24 V class
Status	Agilent E8401A service part
Installation	E8401A PSU bay; mains disconnected
Documentation	E8401A power supply
Use	restore slot power
Identification	0950-3276
Compatibility	E8401A
Input	AC mains per silkscreen
Cooling	mainframe PSU airflow
Safety	lethal mains and high current DC
ESD	PSU PCA
Monitoring	frame PSU/fault if supported
NotABenchtop Supply	mainframe PSU
Slots Parent	13 C-size
Duty	continuous in E8401A Notes Identity from HP 0950-3276 as E8401A VXI mainframe replacement PSU. Rail voltages/currents are on the

PARAMETER	VALUE
	silkscreen and E8401A power table. Do not invent amp ratings.

09503276 Specifications

PARAMETER	VALUE
Applications	E8401A 13-slot VXI PSU replacement
Restore VXI slot power	Service spare 0950-3276
Key Features	0950-3276 E8401A PSU
Technical Specifications	Model: 0950-3276

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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Related High Power E1401B	0950-2283 / 0950-3704
Specifications	
PARAMETER	VALUE
Related 0950 2125	other HP switching PSU board
Related 0950 2119	other HP switching PSU
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Specifications	
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Status	Agilent E8401A service part
Installation	E8401A PSU bay; mains disconnected
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Duty: continuous in E8401A

Notes

Identity from HP 0950-3276 as E8401A VXi mainframe replacement PSU. Rail voltages/currents are on the silkscreen and E8401A power table. Do not invent amp ratings.

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.