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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP NX300-6003 / 0950-3252 Power Supply

The Keysight/Agilent/HP NX300-6003 / 0950-3252 is a reliable power supply designed for various electronic testing and measurement applications. This power supply delivers stable and precise power, ensuring accurate and consistent results. It features solid construction and comprehensive protection features to safeguard connected devices and the power supply itself.

**MODEL****Keysight / Agilent /
HP NX300-6003 /
0950-3252****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****NX300-6003 /
0950-3252****LISTING**[https://aumictechlabs.c
om/products/nx300-60
03-0950-3252-2/](https://aumictechlabs.com/products/nx300-6003-0950-3252-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight/Agilent/HP NX300-6003 power supply is a 500 W internal power assembly engineered for the Agilent 54800 Series Infiniium oscilloscopes. This unit delivers regulated DC voltages across multiple rails to support analog signal paths, digital circuitry, display modules, and control logic within oscilloscope platforms. Built as a sealed internal component, it accepts AC mains input and distributes power through dedicated connectors integrated into the oscilloscope chassis. Technical Specifications Manufacturer: Keysight / Agilent / HP Part Numbers: NX300-6003, 0950-3252, 9290600100 Product Type: Power Supply Assembly Output Power: 500 W

Input Power: AC mains Dimensions: Approximately 4 × 6 × 15 inches Weight: Approximately 4 lbs

Key Features Multiple regulated DC output rails for mixed-signal applications Internal AC-to-DC conversion architecture Dedicated connector interface for oscilloscope integration Thermal and electrical protection mechanisms

Typical Applications Signal acquisition and analysis within laboratory oscilloscope platforms requiring stable, multi-rail power distribution across analog front-end and digital processing stages.

Compatibility & Integration OEM power assembly for Agilent Infiniium oscilloscope models: 54810A, 54815A, 54820A, 54825A, 54825N, 54835A, 54845A, and 54846A. Operates exclusively as an internal subassembly; not designed for standalone operation or external applications.

Features & description

From manufacturer datasheet

Features

- Dual identity NX300-6003 and 0950-3252

Applications

- Internal instrument/mainframe power spare

NX300600309503252 Characteristics / Specifications

PARAMETER	VALUE
Model	NX300-6003 / 0950-3252
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	Internal Switching Power Supply
Alias	NX300-6003; 0950-3252
HP Corporate PN	0950-3252
Assembly PN	NX300-6003
Function	AC to DC multi-rail instrument supply
Form	internal switching PSU module
Related PSU 22	0950 2283 E1401B high-power VXI PSU
Related PSU 37	0950 3704 E1401B high-power VXI PSU
Related PSU 19	0950 1972 switching PSU
NotABenchtop Supply	internal assembly not E3631A
Input	AC mains per silkscreen
Outputs	DC rails per silkscreen (read the label)
Cooling	instrument airflow / PSU fan if fitted
Status	HP internal PSU spare
Installation	match both NX300-6003 and 0950-3252 on the failed unit
Connectors	internal harness headers
Protection	internal fuse/OTP per PSU
Documentation	parent instrument service manual PSU list
ESD	service PCA/PSU
Use	like-for-like rail replacement
Compatibility	only the parent chassis that lists these PNs

PARAMETER

VALUE

Safety

disconnect mains before swap Notes Internal PSU identity from listing NX300-6003 / 0950-3252. Read the silkscreen for rail voltages and current; do not invent wattages. Match both numbers to the failed supply.

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
Model	NX300-6003 / 0950-3252
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	Internal Switching Power Supply
Specifications	
PARAMETER	VALUE
Alias	NX300-6003; 0950-3252
HP Corporate PN	0950-3252
Assembly PN	NX300-6003
Specifications	
PARAMETER	VALUE
Function	AC to DC multi-rail instrument supply
Form	internal switching PSU module
Related PSU 2283	0950 2283 E1401B high-power VXI PSU
Specifications	
PARAMETER	VALUE
Related PSU 3704	0950 3704 E1401B high-power VXI PSU
Related PSU 1972	0950 1972 switching PSU
NotABenchtop Supply	internal assembly not E3631A
Specifications	
PARAMETER	VALUE
Input	AC mains per silkscreen
Outputs	DC rails per silkscreen (read the label)
Cooling	instrument airflow / PSU fan if fitted

Specifications

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Status	HP internal PSU spare
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Specifications

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Compatibility	only the parent chassis that lists these PNs
Safety	disconnect mains before swap

Notes

Internal PSU identity from listing NX300-6003 / 0950-3252. Read the silkscreen for rail voltages and current; do not invent wattages. Match both numbers to the failed supply.

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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<https://aumictechlabs.com>

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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.