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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Keysight N6702A Modular Power System Mainframe, 4 Slots, 1200 W

Remote Interfaces: GPIB USB 2.0 10/100 Base-T LAN LXI Compliance: LXI Class C Command Set: SCPI 1993 IEEE 488.2 Output Sequencing Multi Mainframe: supported Build To Order System Pair: N6712A uses N6702A mainframe Agilent Keysight N6702A Low-Profile Modular Power System Mainframe 1200 W The Agilent/Keysight N6702A is the 1200 W member of the N6700 low-profile modular power system mainframe family, holding one to four N6700-series DC modules in 1U. OEM family datasheets list automatic AC-line power scaling that can limit bench checkout to 600 W, GPIB LAN USB LXI Class C, and multi-mainframe sequencing. High-power ATE multi-rail DC systems, manufacturing racks needing up to 1200 W modular capacity, and bench development with automatic AC-line current limiting.

 Keysight N6702A Modular Power System Mainframe, 4 Slots, 1200 W

MODEL

**Agilent / Keysight
N6702A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N6702A

LISTING

<https://aumictechlabs.com/products/n6702a-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N6702A is a 1U high, 600 W modular power system mainframe designed for automated test equipment (ATE) and production test environments. It can accommodate up to four N6700 series DC power modules, allowing users to configure a power solution tailored to their specific needs. The mainframe features fast programming speeds, excellent voltage and

current control, and comprehensive protection features to ensure the safety of both the power system and the device under test. Its compact size and modularity make it ideal for high-density test systems.

N6702A Characteristics / Specifications

PARAMETER	VALUE
Model	N6702A
Mainframe Type	low-profile modular power system
Total Available Output Power	1200 W
Bench AC Line Limit Class	can limit to 600 W on standard outlet sense
Module Slots	4
Modules Supported	N6700 series DC power modules 1 to 4
Height	44.45 mm
Width	432.5 mm
Depth	633.9 mm
Weight With 4 Modules	14.09 kg (31 lb)
AC Input	100 to 240 Vac 50/60/400 Hz
Remote Interfaces	GPIB USB 2.0 10/100 Base-T LAN
LXI Compliance	LXI ClassCCCommand Set: SCPI 1993 IEEE 488.2
Output Sequencing Multi Mainframe	supported
Build To Order System Pair	N6712A uses N6702A mainframe
Power Management	allocate power among modules
Side Ventilation	side air vents
Firmware Storage	FLASH ROM updatable over GPIB LAN or USB
Form Factor	1U 19 inch with N6709A rack kit
Series Family	Keysight N6700 MPS
Mainframe Power Class Sibling N6700B	400 W
Mainframe Power Class Sibling N6701A	600 W
Filler Panel Kit	N6708A when fewer than 4 modules
Rack Mount Kit Required	N6709A

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.

performance and value modules	
Technical Specifications	
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Notes

From Keysight N6700 Modular Power System Family data sheet mainframe column for N6702A. Confirm AC-line sense power limit and installed module power sum for full 1200 W operation.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<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.