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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Keysight N6792A Electronic Load Module, 60 V, 40 A, 200 W

Agilent Keysight N6792A Electronic Load Module 60 V 40 A 200 W The Agilent/Keysight N6792A is an N6790 Series DC electronic load module for N6700/N6705 mainframes rated 0 to 60 V / 0 to 40 A / 200 W. OEM N6700 family datasheets list CV/CC/CR/CP priority, arbitrary waveforms, and simultaneous V/I measurement. Power-supply testing, battery discharge, and R&D loading inside an N6700 or N6705 modular mainframe. Constant voltage current resistance and power priority modes The Agilent/Keysight N6792A is an N6790 Series DC electronic load module for N6700/N6705 mainframes rated 0 to 60 V / 0 to 40 A / 200 W. OEM N6700 family datasheets list CV/CC/CR/CP priority, arbitrary waveforms, and simultaneous V/I measurement. Power-supply testing, battery discharge, and R&D loading inside an N6700 or N6705 modular mainframe. Constant voltage current resistance and power priority modes Arbitrary waveform generation on the load input



MODEL

**Agilent / Keysight
N6792A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N6792A

LISTING

<https://aumictechlabs.com/products/n6792a-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N6792A is a, precision DC power module, ideally suited for automated test equipment (ATE) systems and demanding benchtop applications. This module offers fast

programming speeds and exceptionally low output noise, ensuring accurate and reliable power delivery. Key features include remote sensing, comprehensive protection features (over-voltage, over-current, and over-temperature), and flexible connectivity options, making it a versatile solution for a wide range of testing needs. Its compact design allows for high-density integration in modular power systems.

N6792A Characteristics / Specifications

PARAMETER	VALUE
Model	N6792A
Instrument Type	DC electronic load module
Input Voltage	0 to 60 V
Input Current	0 to 40 A
Maximum Power At 40 C	200 W
Specified Current At 1.6 V	40 A
Specified Current At 1 V	25 A
Specified Current At 0.5 V	12.5 A
Specified Current At 0.1 V	2.5 A
Current Programming Accuracy High Range	0.04 percent plus 5.2 mA on 40 A range
Current Programming Accuracy Low Range	0.04 percent plus 0.92 mA on 4 A range
Voltage Programming Accuracy	0.03 percent plus 7.2 mV on 60 V range
Resistance Programming High Range	plus or minus (0.1 percent plus 0.0028) S on 8 kOhm range
Resistance Programming Medium Range	plus or minus (0.1 percent plus 0.019) S on 100 Ohm range
Resistance Programming Low Range	plus or minus (0.1 percent plus 0.55) S on 3 Ohm range
Power Programming Accuracy High Range	0.06 percent plus 360 mW on 200 W range
Power Programming Accuracy Low Range	0.06 percent plus 65 mW on 20 W range
Current Measurement Accuracy High Range	0.04 percent plus 4.6 mA on 40 A range
Current Measurement Accuracy Low Range	0.04 percent plus 0.82 mA on 4 A range
Voltage Measurement Accuracy	0.03 percent plus 7.2 mV on 60 V range
Power Measurement Accuracy High Range	0.06 percent plus 320 mW on 200 W range

PARAMETER	VALUE
Power Measurement Accuracy Low Range	0.06 percent plus 50 mW on 20 W range
Current Input Ranges	2
Voltage Input Ranges	1
Resistance Input Ranges	3
Power Measurement Ranges	3
Mainframe Compatibility	N6700C N6701C N6702C and N6705 family
Slot Occupancy	2 of 4 slots double wide
Series Family	Keysight N6790 electronic load modules

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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Notes
From Keysight N6700 Modular Power System Family Data Sheet DC Electronic Load Module Key Performance Specifications row for N6792A.

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.