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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N6776A Modular Power Supplies

Agilent Keysight N6776A Basic DC Power Module 100 V 3 A 300 W The Agilent/Keysight N6776A is a 300 W basic DC power module for N6700/N6705 mainframes rated 0 to 100 V / 0 to 3 A / 300 W. OEM N6700 Modular Power System Family datasheets list ripple noise programming accuracy and measurement accuracy for this model row. ATE and R&D DC rails needing 300 W at up to 100 V in a single N6700/N6705 slot. Optional output disconnect relays Option 761 The Agilent/Keysight N6776A is a 300 W basic DC power module for N6700/N6705 mainframes rated 0 to 100 V / 0 to 3 A / 300 W. OEM N6700 Modular Power System Family datasheets list ripple noise programming accuracy and measurement accuracy for this model row. ATE and R&D DC rails needing 300 W at up to 100 V in a single N6700/N6705 slot. Optional output disconnect relays Option 761 Compatible with N6700 and N6705 mainframes



MODEL

**Agilent / Keysight
N6776A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N6776A

LISTING

<https://aumictechlabs.com/products/n6776a-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N6776A is a precision DC power module the N6700 Modular Power System. It delivers up to 100W of clean, reliable power with accurate voltage and current readback capabilities. This module is well-suited for automated test equipment (ATE) applications where

precise power control and monitoring are essential. Typical applications include aerospace and defense, automotive, and telecommunications.

N6776A Characteristics / Specifications

PARAMETER	VALUE
Model	N6776A
DC Output Voltage	0 to 100 V
DC Output Current	0 to 3 A
DC Output Power	300 W
Ripple Noise Voltage Peak To Peak	45 mV
Ripple Noise Voltage RMS	18 mV
Voltage Programming Accuracy	0.1 percent + 100 mV
Current Programming Accuracy	0.15 percent + 30 mA
Voltage Measurement Accuracy	0.1 percent + 100 mV
Current Measurement Accuracy	0.15 percent + 6 mA
Mainframe Compatibility	N6700 and N6705 series
Slot Occupancy	1 of 4 slots
Arbitrary Waveform Generation	Yes
Output Disconnect Relays Option	Option 761
Polarity Reversal Relays Option	Option 760 (current limited on some models per OEM note)
Series Family	Keysight N6700 basic DC modules
Module Class	300 W basic
PARD Bandwidth	20 Hz to 20 MHz
Programming Accuracy Temperature	23 C plus or minus 5 C after 30 minute warm-up class family
Load Effect Voltage	45 mV
Load Effect Current	6 mA
Source Effect Voltage	10 mV
Source Effect Current	1 mA
Load Transient Settling Band	plus or minus 1.0 V
Load Transient Recovery Time	less than 250 us

PARAMETER	VALUE
Measurement Data Points Default	1024
Measurement Time Interval Default	20.48 us
Current Derating Above 40 C	1 percent perC Notes From Keysight N6700 Modular Power System Family Data Sheet DC Power Module Key Performance Specifications row for N6776A. Option 760 limits output current to 10 A maximum on N6773A per OEM note.
Bandwidth	20 Hz to 20 MHz

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 DC power module Occupies one mainframe slot Arbitrary waveform generation capable Optional output disconnect relays Option 761 Compatible with N6700 and N6705 mainframes	
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From Keysight N6700 Modular Power System Family Data Sheet DC Power Module Key Performance Specifications row for N6776A. Option 760 limits output current to 10 A maximum on N6773A per OEM note.

Ordering Information

OPTION	DESCRIPTION
Option 761	Compatible with N6700 and N6705 mainframes
Option 760	limits output current to 10 A maximum on N6773A per OEM note.

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

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NIST-traceable calibration · SAM registered ·
30-day returns
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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.