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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Keysight N6777A Basic DC Power Module, 1-Slot, 150V, 2A, 300W, N6700

Agilent Keysight N6777A Basic DC Power Module 150 V 2 A 300 W The Agilent/Keysight N6777A is a 300 W basic DC power module for N6700/N6705 mainframes rated 0 to 150 V / 0 to 2 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 150 V in a single N6700/N6705 slot. Optional output disconnect relays Option 761 The Agilent/Keysight N6777A is a 300 W basic DC power module for N6700/N6705 mainframes rated 0 to 150 V / 0 to 2 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 150 V in a single N6700/N6705 slot. Optional output disconnect relays Option 761 Compatible with N6700 and N6705 mainframes



MODEL

**Agilent / Keysight
N6777A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N6777A

LISTING

<https://aumictechlabs.com/products/n6777a-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N6777A is a precision programmable DC power source, designed for automated test systems and research applications. This power supply features a wide voltage and current output range, ensuring versatility for various testing needs. With its fast transient response and high programming accuracy, the N6777A enables precise control and reliable

performance. Built-in voltage and current measurements allow for real-time monitoring and analysis, enhancing test efficiency and accuracy. The N6777A supports multiple interfaces for seamless integration into existing test environments.

N6777A Characteristics / Specifications

PARAMETER	VALUE
Model	N6777A
DC Output Voltage	0 to 150 V
DC Output Current	0 to 2 A
DC Output Power	300 W
Ripple Noise Voltage Peak To Peak	68 mV
Ripple Noise Voltage RMS	27 mV
Voltage Programming Accuracy	0.1 percent + 150 mV
Current Programming Accuracy	0.15 percent + 30 mA
Voltage Measurement Accuracy	0.1 percent + 150 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	68 mV
Load Effect Current	6 mA
Source Effect Voltage	15 mV
Source Effect Current	1 mA
Load Transient Settling Band	plus or minus 2.0 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 N6777A. 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 N6777A. 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

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.