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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6672A DC Power Supply

HP Agilent 6672A Single-Output 2000 W System DC Power Supply The Agilent 6672A is a single-output 2000 W class GPIB DC power supply in the 6670A series. OEM datasheet ratings are 20 V / 100 A, combining high efficiency with low ripple for accurate built-in voltage and current measurements. High-power ATE rack bias, base-station and power-electronics manufacturing test, and multi-supply serial-link systems sharing one GPIB address at up to 2000 W per unit. Analog control of output voltage and current The Agilent 6672A is a single-output 2000 W class GPIB DC power supply in the 6670A series. OEM datasheet ratings are 20 V / 100 A, combining high efficiency with low ripple for accurate built-in voltage and current measurements. High-power ATE rack bias, base-station and power-electronics manufacturing test, and multi-supply serial-link systems sharing one GPIB address at up to 2000 W per unit. Analog control of output voltage and current Fan-speed control to minimize acoustic noise



MODEL

**Agilent / Keysight
6672A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6672A

LISTING

<https://aumictechlabs.com/products/6672a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6672A is a 2000 W single-output DC power supply engineered for automated test equipment (ATE), production testing, and burn-in applications. It delivers 0–20 V at 0–100 A with programming accuracy of 0.04% + 20 mV (voltage) and 0.1% + 60 mA (current). Exceptionally low ripple and noise - 750 μ V RMS and 9 mV peak-to-peak across 20 Hz to 20 MHz - combined with fast transient response (< 900 μ s) and load regulation of 0.002% + 600 μ V

ensures reliable, repeatable test results. The supply operates in constant voltage or constant current modes over its full rated range and includes built-in voltage and current measurements. Remote sensing capability allows up to half the rated output voltage to be dropped across load leads, critical for precision applications. GPIB and analog control interfaces enable seamless integration into complex test systems. Fan speed control minimizes acoustic noise during operation. Made in USA/Malaysia, this instrument is rated for Category II installation in standard indoor environments up to 2000 meters altitude.

Features & description

From manufacturer datasheet

Built-in measurements and programmable protection features

VXIplug&play and IVI-COM drivers Technical Specifications Number of Outputs: 1 GPIB: Yes Output Voltage: 0 to 20 V Output Current: 0 to 100 A Maximum Power Class: 2000 W Programming Accuracy Voltage 25 ± 5 C: 0.04% + 20 mV Programming Accuracy Current: 0.1% + 60 mA Ripple Voltage RMS 20 Hz to 20 MHz: 750 μ V Ripple Voltage Peak to Peak: 9 mV Ripple Current RMS: 100 mA Readback Accuracy Voltage: 0.05% + 30 mV Readback Accuracy Current: 0.1% + 100 mA Load and Line Regulation Voltage: 0.002% + 650 μ V Load and Line Regulation Current: 0.005% + 7 mA Average Programming Resolution Voltage: 5 mV Average Programming Resolution Current: 25 mA OVP Programming Resolution: 35 mV Output Voltage Programming Response Time Full Load: 60 ms Transient Response Time: Less than 900 μ s to within 100 mV for 50% load step Command Processing Time: 20 ms average DC Floating Voltage: ± 240 VDC Common Mode Noise Current RMS: 500 μ A Common Mode Noise Current Peak to Peak: 4 mA Analog Programming Voltage Input: 0 to -4 V Analog Programming Current Input: 0 to 7 V Analog Programming Input Impedance: 60 k Ω m or greater Input Power Full Load: 3800 VA, 2600 W Input Power No Load: 170 W Size: 425.5 mmWx 132.6 mmHx 640 mmDNet Weight: 28.2 kg (62 lb)

6672A Characteristics / Specifications

PARAMETER	VALUE
Number of Outputs	1
GPIO	Yes
Output Voltage	0 to 20 V
Output Current	0 to 100 A
Maximum Power Class	2000 W
Programming Accuracy Current	0.1% + 60 mA
Ripple Voltage RMS 20 Hz to 20 MHz	750 μ V
Ripple Voltage Peak to Peak	9 mV
Ripple Current RMS	100 mA
Readback Accuracy Voltage	0.05% + 30 mV
Readback Accuracy Current	0.1% + 100 mA
Load and Line Regulation Voltage	0.002% + 650 μ V
Load and Line Regulation Current	0.005% + 7 mA
Average Programming Resolution Voltage	5 mV
Average Programming Resolution Current	25 mA
OVP Programming Resolution	35 mV
Output Voltage Programming Response Time Full Load	60 ms
Transient Response Time	Less than 900 μ s to within 100 mV for 50% load step
Command Processing Time	20 ms average
DC Floating Voltage	$\pm$ 240 VDC
Common Mode Noise Current RMS	500 μ A
Common Mode Noise Current Peak to Peak	4 mA
Analog Programming Voltage Input	0 to -4 V

PARAMETER	VALUE
Analog Programming Current Input	0 to 7 V
Analog Programming Input Impedance	60 kOhm or greater
Input Power Full Load	3800 VA, 2600 W
Input Power No Load	170 W
Size	425.5 mmWx 132.6 mmHx 640 mmDNet Weight: 28.2 kg (62 lb)
Shipping Weight	31.8 kg (70 lb)

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
Number of Outputs	1
GPiB	Yes
Output Voltage	0 to 20 V
Output Current	0 to 100 A
Maximum Power Class	2000 W
Programming Accuracy Voltage 25±5 C: 0.04% + 20 mV Programming Accuracy Current: 0.1% + 60 mA Ripple Voltage RMS 20 Hz to 20 MHz: 750 uV	
Specifications	
PARAMETER	VALUE
Ripple Voltage Peak to Peak	9 mV
Ripple Current RMS	100 mA
Readback Accuracy Voltage	0.05% + 30 mV
Readback Accuracy Current	0.1% + 100 mA
Load and Line Regulation Voltage	0.002% + 650 uV
Load and Line Regulation Current	0.005% + 7 mA
Average Programming Resolution Voltage	5 mV
Average Programming Resolution Current	25 mA
OVP Programming Resolution	35 mV
Output Voltage Programming Response Time Full Load	60 ms
Transient Response Time	Less than 900 us to within 100 mV for 50% load step
Command Processing Time	20 ms average
DC Floating Voltage	±240 VDC
Common Mode Noise Current RMS	500 uA
Common Mode Noise Current Peak to Peak	4 mA
Analog Programming Voltage Input	0 to -4 V

PARAMETER	VALUE
Analog Programming Current Input	0 to 7 V
Analog Programming Input Impedance	60 kOhm or greater
Input Power Full Load	3800 VA, 2600 W
Input Power No Load	170 W
Size	425.5 mmWx 132.6 mmHx 640 mmDNet Weight: 28.2 kg (62 lb)
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Notes

Specs from Agilent 6670A Series Single-Output 2000 W DC Power Supplies data sheet 5990-9306EN, 6672A column. Programming response time is full-load 10/90% rise/fall excluding command processing.

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>

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.