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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Keysight N6715C DC Power Analyzer System

Agilent Keysight N6715C DC Power Analyzer Build To Order System The Agilent/Keysight N6715C is the build-to-order DC Power Analyzer system that ships as a fully assembled N6705C mainframe plus 1 to 4 factory-installed N67xx power or N679x load modules. OEM N6700 family datasheets list the same 600 W four-slot analyzer mainframe characteristics as N6705C. R&D multi-rail DC validation, electronic-load power-supply testing, battery drain analysis, and long-duration data logging without assembling modules on arrival. The Agilent/Keysight N6715C is the build-to-order DC Power Analyzer system that ships as a fully assembled N6705C mainframe plus 1 to 4 factory-installed N67xx power or N679x load modules. OEM N6700 family datasheets list the same 600 W four-slot analyzer mainframe characteristics as N6705C. R&D multi-rail DC validation, electronic-load power-supply testing, battery drain analysis, and long-duration data logging without assembling modules on arrival. Factory assembled 4-slot DC Power Analyzer system



MODEL

**Agilent / Keysight
N6715C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N6715C

LISTING

<https://aumictechlabs.com/products/n6715c-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent N6715C DC power analyzer mainframe can be used with N6700 series modules. It enables the user to create a modular system with up to four outputs, mixing and matching to

create the perfect solution to meet your power needs. This mainframe provides all the necessary control and programming functions, allowing you to focus on your testing, not on your equipment.

N6715C Characteristics / Specifications

PARAMETER	VALUE
Model	N6715C
Instrument Type	DC Power Analyzer build-to-order system
Mainframe Sibling	N6705C
Module Slots	4
Total Available Output Power	600 W
Double Wide Modules	N6753A to N6756A N6763A to N6766A N6785A to N6786A N6792A occupy two slots
Scope Digitizing Rate Class	up to 200 kHz
Scope Buffer Per Trace Class	up to 256 k points class
Data Logger Standard Interval	75 ms to 60 s
Data Logger Continuous Interval Class	20 us to 60 s
Remote Interfaces	GPIB USB 2.0 10/100 LAN
LXI Compliance	LXI ClassCCCommand Set: SCPI 1993 IEEE 488.2
AC Input	100 to 240 Vac 50/60/400 Hz
Power Consumption	1440 VA
Power Factor At Rated	0.99
Operating Temperature	0 C to 55 C
Current Derating Above 40 C	1 percent perCRelative Humidity: up to 95 percent
Altitude	up to 2000 m
Dimensions HxWxD	194.7 mm x 425.6 mm x 313 mm
Weight With 4 Modules Typical	16 kg (35 lb)
Minimum Modules	at least one module must be ordered as an ATO option
Control Software Class	BV9200B BV9201B
Series Family	Keysight N6705 DC Power Analyzer
Humidity	up to 95 percent

N6715C Specifications

PARAMETER	VALUE
Key Features	Factory assembled 4-slot DC Power Analyzer system
Same Meter Scope Arb and Data Logger views as N6705C	Supports N673x through N679x modules including loads
GPIB USB LAN LXI Class C	Companion PC control software class BV9200B
Technical Specifications	Model: N6715C

General Specifications & Supplementary Characteristics

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Series Family	Keysight N6705 DC Power Analyzer Notes From Keysight N6700 Modular Power System Family data sheet N6715C build-to-order system and N6705C DC Power Analyzer mainframe key characteristics. Confirm installed module mix for output ratings.

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.

characteristics as N6705C.	
Applications	
R&D multi-rail DC validation, electronic-load power-supply testing, battery drain analysis, and long-duration data logging without assembling modules on arrival.	
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Factory assembled 4-slot DC Power Analyzer system	
Same Meter Scope Arb and Data Logger views as N6705C	
Supports N673x through N679x modules including loads	
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Series Family	Keysight N6705 DC Power Analyzer

Notes
From Keysight N6700 Modular Power System Family data sheet N6715C build-to-order system and N6705C DC Power Analyzer mainframe key characteristics. Confirm installed module mix for output ratings.

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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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.