

KEYSIGHT TECHNOLOGIES (AGILENT HP)

66000 Series - 150W Mainframe

The Keysight (Agilent HP) 66000 Series (specifically the 66000A) is a 1200W Modular Power System (MPS) mainframe that occupies 4U of rack space and accommodates up to eight high-performance DC power modules. Designed for automated test equipment (ATE) and production testing, this highly reliable system features a modular architecture that simplifies cabling, reconfiguration, and maintenance.

SPECIFICATIONS

General

Interfaces	GPIO (IEEE-488.2), Serial Link
Display	Status LEDs (optional 66001A front panel keyboard adds vacuum fluorescent display)
Cooling Method	Forced air by internal fans

Physical

Power Supply	100 VAC / 120 VAC / 220 VAC / 240 VAC (selectable), 47 - 63 Hz, 2100 VA max
Operating Temperature	0 to 55 °C °C

System Configuration & Power Ratings

Total Maximum Output Power	1200 W
Number of Module Slots	8
Compatible Power Modules	Keysight 66101A through 66106A modules
Maximum Power Per Slot	150 W

System Programming & Performance

System Language / Command Set	SCPI (Standard Commands for Programmable Instruments)
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Protection & Monitoring

Fault Indicator Output	Discrete Fault Indicator (DFI) line
Remote Inhibit Input	Remote Inhibit (RI) line

Connectivity & Control Interfaces

GPIO (IEEE-488.2) Interface	Standard standard interface
Inter-Mainframe Connection (Master/Slave)	Serial Link interface allows up to 16 mainframes (128 outputs) to be controlled from a single GPIO address

AC Input Requirements

AC Input Voltage Ranges	87-106 VAC (100V nominal), 104-127 VAC (120V nominal), 191-233 VAC (220V nominal), 208-250 VAC (240V nominal)
AC Input Frequency Range	47 to 63 Hz
Maximum Input Power	2100 VA

Physical & Mechanical

Rack Unit Height	4 U
Chassis Width	425.5 mm (16.75 in)
Chassis Height	177 mm (7.0 in)

Accessories & Hardware Options

Keyboard Option	66001A MPS Keyboard / Display for manual control and front panel programming
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Connectivity

Default GPIB Address	5
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TECHNOLOGY

Modular Power System (MPS)

APPLICATIONS

Automated Test Equipment (ATE) and production DC power distribution

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.