

KEYSIGHT TECHNOLOGIES (AGILENT HP)

6570 Series - 2000W

The Keysight (formerly Agilent HP) 6570 Series encompasses 2000W single-output DC system power supplies designed for high-power, low-noise applications. These units omit standard digital communication interfaces in favor of dedicated analog programming and front-panel keypad control, delivering a clean and reliable output. Key features include overvoltage and overcurrent protection, memory for 5 operating states, and support for parallel or series unit connections for increased output flexibility.

SPECIFICATIONS

General

Interfaces	Analog programming (no standard digital interface)
Display	Front panel potentiometers and display
Supported Models	6571A to 6575A (including various -J configurations)

Physical

Power Supply	200 / 230 VAC (option dependent), 47-63 Hz
Operating Temperature	0 to +55 °C
Dimensions (W×H×D)	425.5 x 132.6 x 644 mm
Weight	28.2 kg
Cooling	Variable speed fan
Rack Height	3U

Output Ratings

Maximum Output Power	2000 W (nominal class)
Number of Outputs	1 (Single Output)
Minimum Output Voltage	0 V
Minimum Output Current	0 A
Output Voltage Range	Up to 120 V (model/option dependent)
Output Current Range	Up to 250 A (model/option dependent)

Interfaces and Connectivity

Analog Programming	Yes (Voltage and Current)
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Output Characteristics

Parallel Operation	Supported
Series Operation	Supported

Protection Features

Over-Voltage Protection (OVP)	Yes
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Environmental

Storage Temperature	-40 to +75 °C
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Performance

Remote Sensing	Compensates for up to 1 V drop per load lead
Output Isolation (to Ground)	±240 Vdc maximum
Transient Response Time	< 900 µs (to within 100 mV following a 50% load change)

Power Requirements

AC Input Voltage Range	200 - 240 VAC (nominal)
AC Input Frequency	47 - 63 Hz

Inputs & Outputs

Output Connections	Rear panel heavy-duty bus bars
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TECHNOLOGY

Programmable DC Power Supply

APPLICATIONS

System Power, Test & Measurement

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