

KEYSIGHT TECHNOLOGIES (AGILENT HP)

6630 Series - 80-100W

The Keysight (formerly Agilent/HP) 6630 Series includes the 6631B, 6632B, 6633B, and 6634B models. These 80 W to 100 W single-output programmable DC system power supplies offer fast output programming with active downprogramming, built-in measurements, and standard GPIB and RS-232 interfaces for demanding design and automated test applications.

SPECIFICATIONS

General

Interfaces	GPIB, RS-232
Calibration Interval	1 year

Physical

Operating Temperature	0 to 55 °C
Dimensions (W×H×D)	212.8 x 88.1 x 348.3 mm
Weight	9.1 kg (net) kg
Cooling	Thermostatically controlled variable speed fan
Front Panel Output	Available via Option 020 (front-panel binding posts)

DC Output Ratings

Maximum Output Power	80 W (6631B) / 100 W (6632B, 6633B, 6634B)
Maximum Output Voltage	8 V (6631B) / 20 V (6632B) / 50 V (6633B) / 100 V (6634B)
Maximum Output Current	10 A (6631B) / 5 A (6632B) / 2 A (6633B) / 1 A (6634B)
Output Channels	1

Connectivity and Control

Standard Interfaces	GPIB, RS-232
Command Language Compatibility	SCPI
Parallel Operation Capability	Supported
Series Operation Capability	Supported

Supplemental Characteristics

Active Downprogramming	Yes
Built-in Measurements	Voltage and Current

Physical Specifications

Rack Unit (RU) Size	2U (Half-Rack Width)
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Performance

Output Isolation	±240 Vdc maximum (between any output terminal and chassis ground)
Warm-up Time	30 minutes

Features

Remote Sensing	Compensates for up to 2 V voltage drop per load lead
Protection Features	Overvoltage Protection (OVP), Overcurrent Protection (OCP)

Environmental

Storage Temperature	-40 °C to 70 °C
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Power

AC Input Frequency	47 to 63 Hz
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TECHNOLOGY

Programmable DC Power Supply

APPLICATIONS

Automated Test Equipment (ATE) and Benchtop Test

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