

KEYSIGHT TECHNOLOGIES (AGILENT HP)

6063B

The Keysight (Agilent HP) 6063B is a 250 W single-output DC electronic load designed for evaluating DC power sources and power components. Highly suited for bench applications in R&D, production, and incoming inspection, the 6063B offers automated testing capabilities via SCPI commands, VXI Plug&Play drivers, and built-in measurement functions.

SPECIFICATIONS

General

Display	Liquid Crystal Display (LCD)
---------	------------------------------

Physical

Operating Temperature	0 to 55 °C °C
Dimensions (W×H×D)	425.5 mm × 132.6 mm × 497.8 mm mm
Weight	9.6 kg kg

Input Ratings

Maximum Input Power	250 W at 40°C
Maximum Input Current	10 A
Maximum Input Voltage	240 V

Constant Current (CC) Mode

CC Operating Range 1	0 to 1 A
CC Operating Range 2	0 to 10 A
CC Programming Resolution (1 A Range)	0.25 mA
CC Programming Resolution (10 A Range)	2.5 mA
CC Programming Accuracy (1 A Range)	0.15% + 1.5 mA
CC Programming Accuracy (10 A Range)	0.15% + 10 mA
CC Temp Coefficient (1 A Range)	150 ppm/°C + 0.15 mA/°C
CC Temp Coefficient (10 A Range)	150 ppm/°C + 1 mA/°C

Constant Voltage (CV) Mode

CV Programming Resolution	60 mV
CV Programming Accuracy	0.12% + 120 mV

Transient Generator

Low Slew Rate Range (1 A Mode)	1.2 mA/μs to 80 mA/μs
High Slew Rate Range (10 A Mode)	12 mA/μs to 800 mA/μs

Measurement & Readback

Voltage Readback Resolution	60 mV
Voltage Readback Accuracy	0.12% + 120 mV
Current Readback Resolution (1 A Range)	0.25 mA
Current Readback Resolution (10 A Range)	2.5 mA
Current Readback Accuracy (1 A Range)	0.15% + 1.5 mA
Current Readback Accuracy (10 A Range)	0.15% + 10 mA

Control & Connectivity

Analog Programming Input	0 to 10 V
Current Monitor Output	0 to 10 V (0 to 10 A representation)

TECHNOLOGY

DC Electronic Load

APPLICATIONS

Power source and component evaluation

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