Modular Programmable DC Electronic Loads

MDL4UB Series
Comparison Guide
Mainframes

Company	B&K Precision		Chroma	Keysight
Model	**MDL4UB Series**	**MDL4U (non B) Series**	**63600 Series**	**N3300 Series**
List Price	**1.950 €**		**2.150 €**	**3.500 €**
Max Power	Up to 4800 W with mainframe extension		2000 W	1800 W
Max Supported Module Voltage	600 V	500 V	600 V	240 V
Max Supported Module Current	120 A		80 A	120 A
Form Factor	4U		4U	4U
Number of Slots (mainframe)	4		5	6
Mainframe Extension	✓ (4 additional slots)		No	No
Front Panel Terminals	✓	No	✓	No
I/O Interfaces	USB, LAN, RS232, and GPIB standard		USB standard, LAN ($770*) and GPIB ($322*) option	GPIB and RS232 standard
Warranty	3 Years		2 Years	3 Years

Modules

Company	B&K Precision		Chroma	Keysight
Model	**MDL4U305B**	**MDL4U600B**	**63630-600-15**	**N3306A**
List Price	**2.220 €**	**3.290 €**	**3.080 €**	**4.210 €**
Max Power	300 W	600 W	300 W	600 W
Max Voltage / Current	600 V / 20 A	80 V / 120 A	600 V / 15 A	60 V / 120 A
Min Operating Voltage at Full Scale	4.5 V	1.8 V	2 A	1.4 A
Operating Modes	CC/CV/CR/CW		CC/CV/CR/CW/CZ	CC/CV/CR/CW
Max Voltage / Current Resolution	1 mV / 0.1 mA		1 mV / 0.005 mA	1 mV / 2 mA
CC Mode Accuracy	0.05% + 10 mA	0.05% + 24 mA	0.1% + 15 mA	0.1% + 8 mA

Technical data subject to change

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Prices as of 01-29-2025