

High Voltage DC Electronic Loads

HVL Series



Comparison Guide

Company	B&K Precision						Chroma ⁽¹⁾	
Model	HVL600150	HVL80075	HVL100025	HVL600300	HVL800150	HVL100050	63203A-600-210	63206A-600-420
								
List Price	\$8,850			\$14,300			> \$13,000	> \$17,000
Max. Power	3 kW			6 kW			3 kW	6 kW
Voltage / Current Input Ratings	600 V / 150 A	800 V / 75 A	1000 V / 25 A	600 V / 300 A	800 V / 150 A	1000 V / 50 A	600 V / 210 A	600 V / 420 A
Features								
Form Factor	3U			5U			3U	4U
Operating Modes	CC/CV/CR/CW						CC/CV/CR/CW/CZ	
Max. CC Mode Accuracy	0.05% + 0.05% F.S.						0.05% + 0.05% F.S.	
Minimum Operating Voltage	3.5 V	2.0 V	3.5 V	3.5 V	2.0 V	3.5 V	14 V	
Protection	OVP/OCP/OPP/reverse voltage protection/current oscillation protection						OV warning/OCP/OPP/OTP/reverse polarity	
Additional Functions	List mode, transient mode, adjustable voltage/current slew rates, external analog control, parallel operation, front panel USB port						User-defined waveforms, battery discharge test, list mode, parallel operation, data logging (digitizing function), analog control, adjustable current slew rate., transient mode, front panel USB port	
General								
Operating Software	Operating software and battery test software provided						Softpanel operating software provided	
I/O Interfaces	USB, LAN, RS232, and GPIB standard						USB standard (LAN and GPIB opt)	
Weight	48.5 lbs (22 kg)			73.8 lbs (33.5 kg)			66 lbs (30 kg)	77.2 lbs (35 kg)
Warranty	3 years						3 years	

(1) The Chroma 63200A Series comprises of models ranging from 2 kW to 24 kW and 60 V to 1200 V respectively. Exact list price for Chroma models are not officially published.