

Comparison Guide

Company		B&K Precision					Keysight	
Model		HMR80360	HMR65046	HMR130023	HMR500108	HMR195027	N8930A	N8937A
								
List Price		\$13,550	\$13,950	\$14,350	\$19,750	\$19,990	\$19,615*	\$25,110*
Output Power		10 kW			18 kW		10 kW	15 kW
Cost-per-Watt		\$1.36	\$1.40	\$1.44	\$1.10	\$1.11	\$1.96	\$1.67
Output Characteristics								
Max Output Voltage		80 V	650 V	1 300 V	500 V	1950 V	1000 V	1500 V
Max Output Current		360 A	46 A	23 A	108 A	27 A	30 A	30 A
Load Regulation	Voltage	40 mV	325 mV	650 mV	250 mV	975 mV	500 mV	750 mV
	Current	540 mA	69 mA	34.5 mA	162 mA	40.5 mA	53 mA	53 mA
Ripple and Noise (20 Hz to 20 MHz)		< 288 mVpp < 23 mVrms	< 720 mVpp < 180 mVrms	< 1800 mVpp < 395 mVrms	< 375 mVpp < 75 mVrms	< 3360 mVpp < 645 mVrms	1600 mVpp 350 mVrms	2400 mVpp 400 mVrms
Rise Time at Full Load		< 30 ms					≤ 30 ms	
Fall Time No Load		< 5 s	< 6 s	< 6 s	< 5 s	< 6 s	≤ 10 s	
Programming Accuracy		± 80 mV	± 650 mV	± 1.3 V	± 500 mV	± 1.95 V	≤ 1.0 V	≤ 1.5 V
Multi-range (autorange)		✓					✓	
Features								
Front Panel USB		✓					-	
Touchscreen Display		✓					-	
CV / CC / CP Priority		✓					-	
Internal Resistance Simulation		✓					-	
Parallel operation		100 units max					100 units max	
Protection		OVP / OCP / OPP / OTP / key-lock / Optional reverse voltage protection unit					OVP / OCP / OTP / key-lock	
General								
Form Factor		3U					3U	
Command Response Times		3 ms					< 25 ms	
I/O Interfaces		Standard: LAN (LXI) and USB. Optional: User-installable GPIB and Analog					Standard: LAN (LXI), USB, GPIB, and Analog	
AC Input		Wide range (nominal): 200 to 415 VAC					208 VAC or 400 VAC only	
Warranty		3 years					3 years	

Technical data subject to change

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U.S. list prices shown as of 08-20-2025.

*Price shown includes list price + tariff surcharge.

Source: keysight.com