Comparison Guide

B&K PRECISION

Multi-Range DC Power Supplies
9240 Series

Company	B&K Precision					Keysight		Chroma	
Model	**9240**	**9241**	**9242**	**9172B**	**9201B**	**E36231A**	**E36232A**	**62010L-36-7**	**62015L-60-6**
List price	**$1,225**		**$1,475**	**$1,115**	**$890**	**$1,957**		**$1,688**	**$1,749**
Output Power	120 W		200 W	105 W	200 W	200 W		108 W	150 W
Form Factor	2U x 1/2			2U x 1/2		3U x 1/2		2U x 1/2	
Cost-Per-Watt	$10.21		$7.38	$10.62	$4.45	$9.79		$15.63	$11.66
Output Characteristics									
Max Output Voltage	32 V	60 V		35 V / 70 V	60 V	30 V	60 V	36 V	60 V
Max Output Current	8 A	4 A	10 A	3 A / 1.5 A	10 A	20 A	10 A	7 A	6 A
Load Regulation	≤ 0.01% + 3 mV			≤ 0.01% + 1 mV	≤ 0.01% + 8 mV	< 0.01% + 2 mV		< 0.01% + 2 mV	
Ripple and Noise (20 Hz to 20 MHz)	≤ 5 mVpp	≤ 10 mVpp		≤ 5 mVpp	≤ 8 mVpp	< 4.5 mVpp	< 3.5 mVpp	< 2 mVpp	< 3 mVpp
Programming Accuracy (Voltage)	0.03% + 4 mV	0.03% + 8 mV		≤ 0.05% + 10 mV	≤ 0.03% + 5 mV	0.03% + 4 mV	0.03% + 8 mV	0.05% + 10 mV	
Features									
LED Mode	✔			✔	-	-		-	
Data Logging to USB	✔			-		✔		-	
Configurable Battery Charge Mode	✔			-		-		-	
Front Panel Sense	✔			✔	-	✔		✔	
List Mode Programming	✔			✔ Limited		✔		✔	
General									
I/O Interfaces	USB (TMC/VCP), LAN (LXI), (GPIB model option +$220)			USB, (GPIB/LAN +$165), (RS232 +$60)	USBTMC-compliant, RS232	USBTMC, LAN (LXI), (GPIB option +$365)		USBTMC and LAN	
NRTL[1] Mark	cTUVus certification mark			-		CSA certification mark		-	
Warranty	3 years			3 years		3 years		1 years	

[1] Nationally recognized test laboratory such as UL, CSA, TUV