

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											
Standard I/O Interfaces	USB (TMC/VCP), and LAN (LXI)			USB	USBTMC-compliant, RS232		USBTMC, and LAN (LXI)		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, TÜV