

Specifications					models
	9120A	9121A	9122A	9123A	9124
Output Ratings (0 °C~40 °C)	0 ~32V 0~3A	0 ~20V 0~5A	0 ~60V 0~2.5A	0 ~30V 0~5A	0~72V 0~1.2A
Load Regulation ±(%of output+offset)	<0.01%+2mV <0.05%+1mA		<0.01%+2mV <0.05%+0.5mA	<0.01%+2mV <0.05%+1.5mA	<0.01%+2mV <0.05%+0.3mA
Line Regulation ±(%of output+offset)	<0.01%+1mV <0.05%+0.1mA		<0.01%+2mV ≤ 0.05%+0.05mA	<0.01%+1mV ≤ 0.05%+0.1mA	<0.01%+1mV ≤ 0.05%+0.05mA
Programming resolution	0.5mV 0.1mA		1mV 0.1mA	0.5mV 0.1mA	2mV 0.02mA
Readback/ Meter resolution	0.1mV 0.01mA	0.1mV 0.05mA	0.5mV 0.05mA	0.1mV 0.05mA	0.5mV 0.01mA
Front panel setting resolution	0.5mV 0.1mA		1mV 0.1mA	0.5mV 0.1mA	2mV 0.02mA
Programming accuracy, 12months (25 °C ± 5 °C) ±(%of output+offset)	<0.03%+3mV <0.05%+2mA		≤ 0.03%+6mV ≤ 0.05%+1.5mA	≤ 0.03%+3mV ≤ 0.05%+2.5mA	≤ 0.03%+6mV ≤ 0.05%+1mA
Readback/ Meter accuracy 12months (25 °C ± 5 °C) ±(%of output+offset)	<0.02%+3mV <0.05%+2mA		≤ 0.02%+6mV ≤ 0.05%+1.5mA	≤ 0.02%+2.5mV ≤ 0.05%+2.5mA	≤ 0.02%+5mV ≤ 0.05%+1mA
Ripple & Noise (20Hz ~20MHz)	≤ 4mVp-p ≤ 3mA _{Arms}	≤ 3mVp-p ≤ 3mA _{Arms}	≤ 5mVp-p ≤ 3mA _{Arms}	≤ 4mVp-p ≤ 4mA _{Arms}	≤ 5mVp-p ≤ 3mA _{Arms}
Temperature coefficient, (0 °C~40 °C) ±(% of output+offset)	<0.02%+3mV <0.05%+2mA		≤ 0.02%+6mV <0.05%+1mA	≤ 0.02%+3mV <0.05%+2mA	≤ 0.02%+5mV <0.05%+0.5mA
Readback temperature coefficient, ±(% of output+offset)	<0.02%+3mV <0.05%+2mA		≤ 0.02%+6mV ≤ 0.05%+1mA	≤ 0.02%+3mV ≤ 0.05%+2mA	≤ 0.02%+5mV ≤ 0.05%+0.5mA
Transient Response	< 150 μs for output to recover to within 75 mV following a change from 100 mA to 1 A				
DVM Accuracy	0~12V range: 0.02%+2mV 0~40V range: 0.02%+3mV				
DVM Resolution	0~12V range: 0.1mV 0~40V range: 1mV				
Milliohm Meter Accuracy	0.1% (for Voltage and Current ≥ 10% of full scale) 0.3% (for Voltage and Current ≥ 3% of full scale)				
State Storage Memory	50 user configurable memory locations				
Operating Temperature	0 to 40 °C, <75% R.H.				
Storage Temperature	-20 to 70 °C, <85% R.H				
Power Requirements	115V/220VAC ± 10%, 47 to 63Hz				
Weight	19.8 lbs, (9 kg)		21.2 lbs, (9.6 kg)		19.8 lbs, (9 kg)
Dimensions	8.45in(W) x 3.8in(H) x 13.9in(D) 214.5mm(W) x 88.2mm (H) x 354.6mm (D)				

Three Year Warranty

Included Accessories: User manual, power line cord, IT-E131 RS232 to TTL serial converter cable, IT-E132 USB to TTL serial converter cable, software installation disk, and certificate of calibration. Model 9123A also includes IT-E135 GPIB to TTL conversion adapter cable. Optional: IT-E151 rack mount kit.