



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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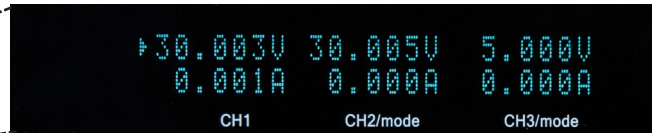
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# Data Sheet

## Triple Output Programmable DC Power Supply Model 9130



The 9130 is a fully programmable triple Output DC Power Supply delivering 0-30V/0-3A on 2 outputs and 0-5V/0-3A on 1 output. Each output is fully floating and outputs can be adjusted independently or connected in series or parallel to produce higher voltages or currents. The 9130 is ideally suited for applications in Electronic Test, Production and Service where multiple independent DC supplies are required and bench space is at a premium.

### Features & Benefits

- 3 independent, fully programmable and electrically isolated outputs
- Display & adjust Voltage and Current settings for all 3 channels simultaneously
- Flexible output configuration: Connect any 2 or all 3 channels in parallel
- Excellent stability and regulation
- Very compact foot print (rack mountable 2U x 1/2U)
- SCPI compatible command set. Communicate via USB interface, using the included USB to TTL Serial Converter cable. A RS232 interface cable, converting from RS232 to TTL, is optional (order IT-E131)
- OVP (Over Voltage) and OTP (Over Temperature) protection
- Output on/off control
- Application Software for front panel emulation and simple test sequence generation included
- 50 memory locations for instrument state storage & recall
- Closed case calibration

### Specifications

Model	9130
Output Ratings	0 ~ 30 V (Ch1 & Ch2) 0 ~ 5 V (Ch3) 0 ~ 3 A (Ch1 & Ch2) 0 ~ 3 A (Ch3)
Load Regulation ±(% of output+offset)	≤ 0.01% + 3 mV ≤ 0.1% + 3 mA
Line Regulation ±(% of output+offset)	≤ 0.01% + 3 mV ≤ 0.1% + 3 mA
Programming Resolution	1 mV 1 mA
Readback Resolution	1 mV 1 mA
Programming accuracy (12 month) ±(% of output+offset)	≤ 0.03% + 10 mV ≤ 0.1% + 5 mA
Readback accuracy (at 25 °C ± 5 °C) ±(% of output+offset)	≤ 0.03% + 10 mV ≤ 0.1% + 5 mA
Ripple & Noise (20 Hz - 20 MHz)	Voltage: ≤ 1 mVrms/3 mVp-p Current: ≤ 5 mArms
Transient Response	< 500 μs for CH1&2, <200 μs for CH3 for output to recover to within 75 mV following a change from 100 mA to 1 A
Temperature Coefficient (0 °C ~ 40 °C) ±(% of output+offset)	≤ 0.03%+10 mV ≤ 0.1%+5 mA
Readback Temperature Coefficient ±(% of output+offset)	≤ 0.03%+10 mV ≤ 0.1%+5 mA
Tracking Accuracy Series Operation	≤ 0.05%+10 mA
Tracking Accuracy Parallel Operation	≤ 0.02%+5 mV ≤ 0.1%+20 mA
State Storage Memory	50 memory locations
Timer	Resolution: 1 s, Range: 1 s~999999 s
AC Input	115 V/220 VAC ± 10%, 47 to 63 Hz
Weight	19.8 lbs. (9 kg)
Dimensions (W x H x D)	8.45" x 3.47" x 13.9" (214.5 x 88.2 x 354.6 mm)
<b>Three-Year Warranty</b>	
Standard Accessories	User Manual, power cord, USB communication cable, software installation disk
Optional Accessories	RS232 to TTL Serial Converter cable IT-E131