



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

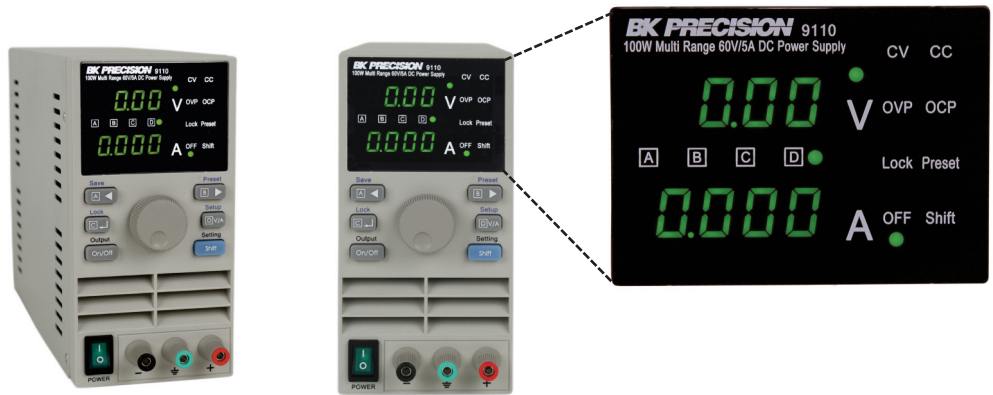
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Data Sheet

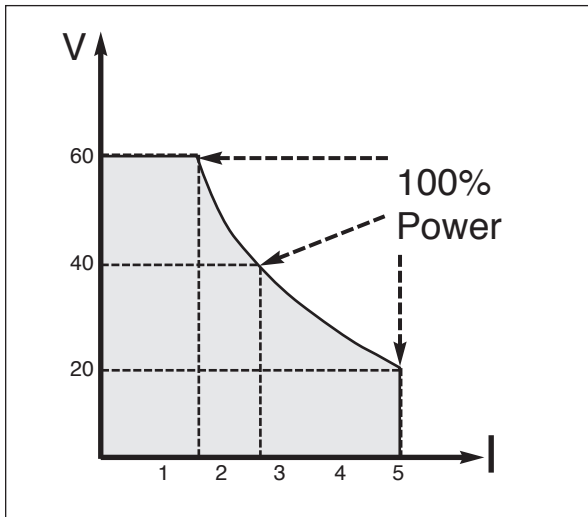
100 W Multi Range 60 V / 5 A DC Power Supply Model 9110



The 9110 is a new type of power supply. Unlike conventional power supplies with fixed output ratings, the 9110 automatically recalculates voltage/current limits for each setting. The 9110 provides 100 W output power in any Volt/Amp combination within the rated voltage (60 V) and current (5 A) limits. By providing greatly expanded choices of maximum power Volt/Amp combinations, users can cut down on the number of power supplies required and free up valuable bench space.

Features & Benefits

- Digitally controlled, mixed mode linear/switching DC power supply
- 10mV/1mA resolution over the full range
- Bright, easy to read display
- Very compact and lightweight
- Low ripple and noise
- High reliability due to OCP, OVP and OTP protection
- Output On/Off control
- Store and Recall 4 x 100 groups of preset Volt/Amp values
- Temperature controlled, variable speed fan cooling



Example:

When setting the voltage to the maximum of 60V, the maximum current value is $100\text{ W}/60\text{ V} = 1.66\text{ A}$. For a 20V setting, the maximum current is 5 A. Maximum output power of 100 W is possible for all Volt/Amp combinations that lie on the hyperbolic curve.

Specifications		9110
Output Ratings	Voltage	0-60 V
	Current	0-5 A
Max. Power		100 W
Load Regulation	Voltage	$\leq 0.01\% + 3\text{ mV}$
	Current	$\leq 0.01\% + 3\text{ mA}$
Line Regulation	Voltage	$\leq 0.01\% + 3\text{ mV}$
	Current	$\leq 0.1\% + 2\text{ mA}$
Setting Accuracy	Voltage	$\leq 0.05\% + 10\text{ mV}$
	Current	$\leq 0.2\% + 2\text{ mA}$
Display Accuracy	Voltage	$\leq 0.05\% + 10\text{ mV}$
	Current	$\leq 0.1\% + 2\text{ mA}$
Ripple	Voltage	$\leq 2.0\text{ mVrms}$
	Current	$\leq 5\text{ mArms}$
General		
State Storage Memory	100 groups with 4 sets of Volt/Amp memories each	
Weight	5.9lbs (2.65 kg)	
Dimensions (W x H x D)	3.47" x 6.9" x 11.11" (88 x 175 x 282 mm)	
One Year Warranty		
Included Accessories	Line cord, manual	
Optional Accessories	TL 5A (5A test leads), TL 30 (30A test leads), TLPS (Power supply test lead kit)	