



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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# Data Sheet

## Single Output DC Power Supplies Models 1620A, 1621A, 1623A, 1626A & 1627A



Model 1626A



Model 1627A

The 1620A series are rugged, compact, low-cost DC regulated power supplies providing clean and stable DC power.

Specifications	1620A	1621A	1623A	1626A	1627A
Output Voltage	0-18 V	0-18 V	0-60 V	0-30 V	0-30 V
Output Current	0-5 A	0-5 A	0-1.5 A	0-3 A	0-3 A
<b>Constant Voltage Operation Voltage Regulation</b>					
Line (120 VAC +10%, -6%)	<0.02% + 3 mV				
Load (no load - full load)	<0.02% + 3 mV				
Recovery Time	<500 ms				
Ripple & Noise	<1 mVrms				
Temperature Coefficient	<300 ppm/°C				
<b>Constant Current Operation Current Regulation</b>					
Adjustable Current Range	0-100%				
Line (120 VAC +10%, -6%)	<0.02% + 3 mA				
Load	<0.02% + 3 mA				
Current Ripple	<3 mA				
<b>Metering</b>					
Type	Analog	3-digit LED	3-digit LED	Analog	3-digit LED
Voltmeter Range	0-18 V	0-18 V	0-60 V	0-30 V	0-30 V
Voltmeter Accuracy	±7% FS	±2% + 2 digits	±2% + 2 digits	±7% FS	±2% + 2 digits
Ammeter Range	0-5 A	0-9.99 A	0-9.99 A	0-3 A	0-9.99 A
Ammeter Accuracy	±7% FS	±2% + 2 digits	±2% = 2 digits	±7% FS	±2% + 2 digits
<b>General</b>					
Overload Protection	Current, limiting, reverse polarity, overvoltage, short circuit				
AC Input	120 VAC ± 10%, 60 Hz (120/220/230/24C VAC ± 10%, 50/60 Hz version available)				
Power Consumption	210 W	220 W	220 W	210 W	220W
Operating Temperature	32 to 104 °F (0 to 40 °C), <75% R.H.				
Storage Temperature	5 to 158 °F (-15 to +70 °C), <85% R.H.				
Dimensions (HxWxD)	8.07" x 4.53" x 10.63" (205 x 115 x 270 mm)				
Weight	13.2 lbs (6 kg)	16.3 lbs (7.4 kg)	16.3 lbs (7.4 kg)	3.2 lbs (6 kg)	16.3 lbs (7.4 kg)
<b>One-Year Warranty</b>					
Included Accessories	User manual and power cord				

### Features & Benefits

- Continuously monitor voltage and current output on two analog meters
- Connect two supplies in parallel to double the current output
- Connect two supplies in series to double the voltage output
- New compact style
- Reliable, Durable
- Operate continuously at full load without overheating
- Fully overload protected
- Coarse and fine voltage controls
- Great regulation
- Very low ripple
- Constant voltage or constant current operation