

Single Output DC Power Supplies



1626A



1627A

- 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
- Low ripple
- Constant voltage or constant current operation
- Continuously monitor voltage and current output on two meters

Specifications

	1620A	1621A	1622A	1623A	1626A	models 1627A
Output Voltage	0-18V	0-18 V	0-60 V	0-60 V	0-30 V	0-30 V
Output Current	0-5A	0-5A	0-1.5 A	0-1.5 A	0-3 A	0-3 A
Constant Voltage Operation						
Voltage Regulation						
Line (120VAC +10%, -6%)	$\leq 0.02\% + 3\text{mV}$					
Load (no load - full load)	$\leq 0.02\% + 3\text{mV}$					
Recovery Time	$\leq 500\text{ms}$					
Ripple & Noise	$\leq 1\text{mVrms}$					
Temperature Coefficient	$\leq 300\text{ppm}/^\circ\text{C}$					
Constant Current Operation						
Adjustable Current Range	0-100%					
Current Regulation						
Line (120VAC +10%, -6%)	$\leq 0.02\% + 3\text{mA}$					
Load	$\leq 0.02\% + 3\text{mA}$					
Current Ripple	$\leq 3\text{mA}$					
Metering						
Type	Analog	3-digit LED	Analog	3-digit LED	Analog	3-digit LED
Voltmeter Range	0-18V	0-18V	0-60V	0-60V	0-30V	0-30V
Voltmeter Accuracy	$\pm 7\% \text{ FS}$	$\pm 2\% + 2 \text{ digits}$	$\pm 7\% \text{ FS}$	$\pm 2\% + 2 \text{ digits}$	$\pm 7\% \text{ FS}$	$\pm 2\% + 2 \text{ digits}$
Ammeter Range	0-5 A	0-9.99 A	0-3 A	0-9.99 A	0-3 A	0-9.99 A
Ammeter Accuracy	$\pm 7\% \text{ FS}$	$\pm 2\% + 2 \text{ digits}$	$\pm 7\% \text{ FS}$	$\pm 2\% + 2 \text{ digits}$	$\pm 7\% \text{ FS}$	$\pm 2\% + 2 \text{ digits}$
Overload Protection	Current, limiting, reverse polarity, overvoltage, short circuit					
Power Requirements	120VAC $\pm 10\%$, 60Hz (120/220/230/24CVAC $\pm 10\%$, 50/60Hz version available)					
Power Consumption	210W	220W	210W	220W	210W	220W
Operating Temperature	32° to 104°F (0° to 40°C), $\leq 75\% \text{ R.H.}$					
Storage Temperature	5° to 158°F (-15° to +70°C), $\leq 85\% \text{ R.H.}$					
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)	13.2 lbs. (6 kg)	16.3 lbs. (7.4 kg)	13.2 lbs. (6 kg)	16.3 lbs. (7.4 kg)

Accessories

OPTIONAL: Hook-up leads
up to 5 amps Model TL-5A
up to 30 amps Model TL-30

One Year Warranty