

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 (120/220/230/240VAC $\pm 10\%$, 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

One Year Warranty

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