

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%) | ≤0.02% + 3mV | | | | | |
| Load (no load - full load) | ≤0.02% + 3mV | | | | | |
| Recovery Time | ≤500ms | | | | | |
| Ripple & Noise | ≤1mVrms | | | | | |
| Temperature Coefficient | ≤300ppm/°C | | | | | |
| Constant Current Operation | | | | | | |
| Adjustable Current Range | 0-100% | | | | | |
| Current Regulation | | | | | | |
| Line (120VAC +10%, -6%) | ≤0.02% + 3mA | | | | | |
| Load | ≤0.02% + 3mA | | | | | |
| Current Ripple | ≤3mA | | | | | |
| 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 | ±7% FS | ±2% + 2 digits | ±7% FS | ±2% + 2 digits | ±7% FS | ±2% + 2 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 | ±7% FS | ±2% + 2 digits | ±7% FS | ±2% = 2 digits | ±7% FS | ±2% + 2 digits |
| Overload Protection | Current, limiting, reverse polarity, overvoltage, short circuit | | | | | |
| Power Requirements | 120VAC ±10%, 60Hz (120/220/230/24CVAC ±10%, 50/60Hz version available) | | | | | |
| Power Consumption | 210W | 220W | 210W | 220W | 210W | 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) | 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