

# Data sheet

## Triple Output DC Power Supply 0-60 V/0 – 2 A (2), 4-6.5 V/ 4 A (1)

### Model 1762



Model 1762 Triple Output DC Power Supply delivers 0-60 V/0-2 A on 2 outputs and 4-6.5 V/4 A on 1 output. The 4 digit LED display offers 10mV and 1mA resolution, providing the capability to set voltage and current values more accurately and precisely compared to 3 digit displays found in most comparable power supplies. The power supply is fully overload protected and comes with a two year warranty.

#### Features:

- Continuously monitor voltage and current output on two 4-digit LED displays
- Connect two supplies in parallel to double the current output
- Connect two supplies in series to double the voltage output
- Constant voltage and constant current operation
- Reliable & durable
- Operate continuously at full load without overheating
- Fully overload protected
- Course and fine voltage and current controls
- Excellent regulation
- Very low ripple and noise



### Specifications

model

1762

#### Main Output

Output Voltage	0-60V (A & B) 4-6.5 V (C)
Output Current	0-2A (A & B) 4A (C)

#### Constant Voltage Operation

Voltage Regulation	
Line (120VAC $\pm$ 10%)	$\leq$ 0.01% + 3 mV (A&B) $\leq$ 10 mV (C)
Load	$\leq$ 0.01% + 3 mV (A&B) $\leq$ 10 mV (C)
Recovery Time	100 $\mu$ s
Ripple & Noise (5Hz to 1MHz)	$\leq$ 1mVrms
Temperature Coefficient	$\leq$ 300 ppm $^{\circ}$ C

#### Constant Current Operation

Adjustable Current Limit	5% to 100% (A&B)
Current Regulation	
Line (120VAC $\pm$ 10%)	$\leq$ 0.2% + 3mA
Load	$\leq$ 0.2% + 3 mA
Current Ripple	$\leq$ 3 mA rms

#### Metering

Display	2 digital 4 digit LED
Voltmeter Range	0-99.99 V (A & B) 0-99.99 V (C)
Voltmeter Accuracy	$\pm$ (0.5% rdg + 9 digits)
Ammeter Range	0-9.999 A

#### General

Ammeter Accuracy	$\pm$ (0.5% rdg + 2 digits)
Overload Protection	Current limiting, Reverse polarity, overvoltage, Short circuit
Power Requirements	108-132 VAC 60 Hz, 120/220/230/240/ VAC, $\pm$ 10%, 50/60 Hz version available
Power Consumption	350 W
Operating Temperature	0 $^{\circ}$ to 40 $^{\circ}$ C $\leq$ 85% R.H.
Storage Temperature	-15 $^{\circ}$ to 70 $^{\circ}$ C $\leq$ 85% R.H.
Dimensions (H x W x D)	5.7 x 10.5 x 15" (145 x 267 x 381 mm)
Weight	21 lbs (9.5 kg)

#### Two Year Warranty

#### Accessories

Supplied: User Manual, Spare Fuse, Line Cord