

# Data Sheet

## AC Power Supplies Models 1653A & 1655A



Model 1653A



Model 1655A

### Variable Isolated AC Power Supplies

The 1653A and 1655A variable isolated AC power supplies are great for testing AC line voltage variations or any given product requiring AC power.

### 1653A Features

- Variable isolated 0-150 VAC
- 2 A continuous output
- Displays voltage or current readings
- Isolation transformer to eliminate shock hazard while servicing "hot chassis" equipment

### 1655A Features

- Variable-isolated output 0-150 VAC
- 3 A continuous, 4 A intermittent output
- Built-in soldering iron temperature control
- Expanded leakage scale
- Circuit breaker overload protection
- Displays V, A, VA, leakage

Specifications	1653A	1655A
Voltage Adjustment Range	0-150 VAC with input at 120 VAC	
Output Isolation	Leakage less than 0.1 mA (25°C, 50% RH)	
Current Range	0-2 A	0-3 A
Maximum Current (Isolated)	2 A continuous (0-130 V)	3 A continuous, 4 A intermittent (0-130 V)
Peak Current (inrush)	N/A	30 A max. (inrush limited to one cycle at 30 A)
Voltage/Current Sensing	Sine wave average, calibrated in RMS	
Meter Scale	0-140 VAC 0-2 VAC	0-240 VAC 0-480 VAC (voltage set at 120)
Leakage	N/A	0 - 5000 $\mu$ A (expanded in 100 - 500 $\mu$ A portion, compressed to 5mA full scale)
Metering	3 1/2" overrange protected	4 1/2 multicolor scales, overrange protected
Meter Accuracy	$\pm$ 5% of full scale	$\pm$ 5% of full scale (volts and current) $\pm$ 5% at 500 $\mu$ A (leakage)
Soldering Iron Temp. Control	N/A	70 - 99% of power line (100 W max.)
Power Requirements	120 VAC $\pm$ 10%, 60 Hz*	
Dimensions (H x W x D)	5.5" x 6.5" x 10.5" (140 x 165 x 267 mm)	10.5" x 5.7" x 12" (267 x 145 x 305 mm)
Weight	12 lbs (5.5 kg)	22 lbs (10 kg)
<b>One-Year Warranty</b>		
Supplied Accessories	Instruction manual & power cord	

\*For 220V operation, order model number 1653A-220V or 1655A-220V.