

AC Power Supply
Model 1655A



Variable Isolated AC Power Supplies

The I655A variable isolated AC power supply is great for testing AC line voltage variations or any given product requiring AC power.

Features & benefits

- Multi-ranging operation
- Standard remote interfaces include USB (USBTMC), RS232, GPIB and LXI compliant
- 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	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	0-3 A
Maximum Current (Isolated)	3 A continuous, 4 A intermittent (0-130 V)
Peak Current (inrush)	30 A max. (inrush limited to one cycle at 30 A)
Voltage/Current Sensing	Sine wave average, calibrated in RMS
Meter Scale	0-240 VAC 0-480 VAC (voltage set at 120)
Leakage	0 - 5000 μ A (expanded in 100 - 500 μ A portion, compressed to 5mA full scale)
Metering	4 1/2 multicolor scales, overrange protected
Typical Meter Accuracy	$\pm$ 5% of full scale (volts and current) $\pm$ 5% at 500 μ A (leakage)
Soldering Iron Temp. Control	70 - 99% of power line (100 W max.)
AC Input	120 VAC $\pm$ 10%, 60 Hz
Dimensions (H x W x D)	10.5" x 5.7" x 12" (267 x 145 x 305 mm)
Weight	22 lbs (10 kg)
Warranty	1 Year
Included Accessories	Instruction manual & power cord