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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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 μ A (expanded in 100 - 500 μ A portion, compressed to 5mA full scale) |
| Metering | 3 1/2" overrange protected | 4 1/2" multicolor scales, overrange protected |
| Typical Meter Accuracy | \pm 5% of full scale \pm 5% at 500 μ A (leakage) | |
| Soldering Iron Temp. Control | N/A | 70 - 99% of power line (100 W max.) |
| AC Input | 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) |
| One-Year Warranty | | |
| Supplied Accessories | Instruction manual & power cord | |

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