



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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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AC Power Supplies



1655A



TR-110



1604A



1653A

Model 1653A

Variable Isolated AC Power Supply. Model 1653A is a compact, rugged unit.

- 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

Model 1655A

Variable Isolated AC Power Supply. Model 1655A displays V, A, VA and leakage.

- Variable-isolated output—0-150VAC
- 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

Model 1604A

Isolation Transformer—Use Model 1604A for safe testing of transformerless equipment.

- Leakage: less than 0.1 mA
- Output Voltage: 117-124 V nominal (120 V input)
- Output Current: 1.25 A continuous

Specifications

	models	
	1653A	1655A
Voltage Adjustment Range	0-150 VAC with input at 120VAC	
Output Isolation	Leakage less than 0.1 mA (25°C, 50% RH)	
Current Range	0 - 2A	0 - 3A
Maximum Current (Isolated)	2A continuous (0-130V)	3A continuous, 4A intermittent (0-130V)
Peak Current (inrush)	N/A	30A max. (inrush limited to one cycle at 30A)
Voltage/Current Sensing	Sine wave average, calibrated in RMS	
Meter Scale	0-140 VAC 0-2 VAC	0 - 240VAC 0- 480VAC (voltage set at 120)
Leakage		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
Meter Accuracy	\pm 5% of full scale	\pm 5% of full scale (volts and current) \pm 5% at 500 μ A (leakage)
Soldering Iron Temp. Control		70 - 99% of power line (100W max.)
Power Requirements	120 VAC \pm 10%, 60 Hz 300VA	120 VAC \pm 10%, 60 Hz 600VA at Maximum Output
Dimensions (HxWxD)	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

Specifications

	model
	TR-110
Input Requirements	105-130 VAC, 60 Hz.
OUTPUT POWER RATING	
Direct	500 VA continuous. Isolated: 350 VA continuous, 500 VA intermittent.
CONNECTIONS	
Direct	Duplex outlet (3-conductor).
Isolated	Duplex outlet (3-conductor).
GENERAL	
Regulation	No load (350 VA), voltage change <4%.
Isolation	Complies—UL standard 1012, May 1977.
Dimensions (HxWxD)	5.1 x 5.5 x 8" (130 x 140 x 200 mm)
Weight	11 lbs. (5 kg)
*Output voltages rated w/input at 120 volts.	

One Year Warranty

Model TR-110

Dual Output Isolation - Use Model TR-110 for safe testing of transformerless equipment.

- Direct: Convenience duplex outlet provides line voltage for auxiliary equipment up to 500 VA
- Isolated: Two 3-position slide switches provide 9 combinations of voltage selection from 90 to 140 V*, up to 350 VA continuous or 500 VA intermittent. Self-contained power switch with pilot lamp.

Specifications

	model
	1604A
Isolation	leakage less than 0.1 mA
Output Voltage	117-124 V nominal (120 V input)
Output Current	1.25 A continuous (2 A intermittent)
Power Requirements	120 VAC, 60 Hz, 175W
Operating Temperature	32° to 104°F (0° to +40°C)
Dimensions (HxWxD)	4 x 4 x 5.5" (100 x 100 x 140 mm)
Weight	6 lbs. (2.7 kg.)

One Year Warranty