

DC Power Supplies & Isolation Transformers



1513

Models 1513, 1514 Switching Mode Power Supplies

The models 1513 & 1514 are DC Power Supplies that uses switching mode technology. They provides six ranges of selectable voltages for many applications.

FEATURES:

- Plastic Housing
- Six ranges of selectable Voltages Output
- Overload and Short circuit protection
- Slim in size & light weight
- High Stability
- Fashionable design
- Wide range of operation Voltages

Specifications models		
	1513	1514
Output Voltage	1.5V	
	3ν	•
	4.5	V
	6V 9V	
	12V	
Output Current	1 Amps	3 Amps
Ripple & Noise (rms)	25mV	
Line Regulation	60mV	
Load Regulation	300mV	
Operating Voltage	120VAC/60 Hz	
Dimensions (W x H x D)	90 x 50 x 140mm	

Accessories One Year Warranty

SUPPLIED: Instruction Manual, Line Cord OPTIONAL: TL-5



TR-110

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. Selfcontained power switch with pilot lamp.

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 rai	ted w/input at 120 volts.	
	One Year Warranty	

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SUPPLIED: Instruction Manual, Line Cord



1604A

Model 1604A

Isolation Transformer

Use Model 1604A for safe testing of transformerless equipment.

- Leakage: less than 0.1 mA
- Output Voltage: I 17-I24 V nominal (I20 V input)
- Output Current: I.25 A continuous

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		
	(2A 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		
SUPPLIED: Instruction	Manual, Line Cord		