

Model XA 1525

Single Output DC Power Supply

(15V, 2.5A)



CE

Compact Single Output DC Power Supply

- Economical Single Output DC Power Supply with Two Bright Digital Displays
- Continuously Monitors both Voltage and Current Simultaneously
- Voltage (15VDC) and Current (2.5ADC) Output
- Connect Two Supplies in Parallel to Double the Current Output
- Connect Two Supplies in Series to Double the Voltage Output
- Regulated Voltage and Current Output - Low Ripple
- Coarse and Fine Voltage Output Adjustments
- Constant Current (CC) and Constant Voltage (CV) Operation
- Full Overload Protection – Designed for Continuous and Reliable Lab and Educational Use
- Applications: Education, R&D Laboratories, Manufacturing & Testing, and Hobbyists

Single Output DC Power Supply (15V, 2.5A)

ELECTRICAL SPECIFICATIONS		Model XA 1525
Outputs		
Voltage Output	0 to 15VDC	
Current Output	0 to 2.5ADC	
Constant Voltage (CV) Operation		
Line	±0.05% ± 5mV	
Load	±0.05% ± 5mV	
Ripple & Noise	< 1mVrms	
Constant Current (CC) Operation		
Line	±0.5% ± 5mA	
Load	±0.5% ± 5mA	
Ripple & Noise	3.0mArms	
Metering		
Displays	Two - 3-Digit Green LED Displays (one for Current and one for Voltage) Voltage & Current displayed simultaneously on separate displays. CV or CC operation indication with LED.	
Accuracy	Voltmeter: ±1.0% ± 2cts; Ammeter: ±2.0% ± 2cts	
GENERAL SPECIFICATIONS		Model XA 1525
Adjustment Knobs	Current (A), Fine, Voltage (V)	
Constant Voltage and Current	Yes, (CV) Operation and (CC) Operation	
Output	Three safety banana jacks: Black (-), Red (+) and Green (Ground)	
Fuse & Protection	Current Limitation Protection Fuse: 1.5A, 250V (5 x 20mm) protects supply input to transformer primary Designed for continuous duty cycle and output short circuit.	
Power Supply	115V ±10%, 50/60Hz; 230V ±10%, 50/60Hz	
Power Consumption	<100VA – 95W max	
Safety Standards	EN 61010-1 (2001), 300V Cat II Pollution Degree II, CE Mark Power Supply Output Over Voltage Rating: Cat II; 15VDC max Line Power Over Voltage Category: 300V Cat II	
Immunity & Emmissivity	Immunity: EN 55024; Emissivity: EN 55022, EN 61000-3-2, EN 61000-3-3	
Construction	Aluminum alloy front panel, metal body Color: Light Beige/Grey with Black clear front display panel	
Dimensions	10.6 x 5.2 x 6.3" (270 x 132 x 160mm)	
Weight	14 lbs (6.3kg)	
Warranty	One Year	

Multimetrix®

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Ordering Information

DC Power Supply Model XA 1525
Catalog Number: MMX-XA1525

Includes: Power Supply XA 1525, 2 Spare Fuses (1.5A, 250V),
120V US Power Cord and User Manual

*Specifications and Prices are subject to change without notice.
Consult Factory before ordering.*