

# TECHNICAL SPECIFICATIONS

## 24 VOLT 2.5A POWER SUPPLY

HM-24V-2.5A

*Low Profile*

*Lightweight Single Output*

*Global Safety Agency Compliance*

*Low Conducted EMI*



### DESCRIPTION

Single output regulated DC power supply rated for 24 volts at 2.5 amps.

### ENVIRONMENTAL REQUIREMENTS

Operating Temperature: 0°C to 40°C (32°F to 104°F)

Storage Temperature: -40°C to 70°C (-40°F to 158°F)

### POWER REQUIREMENTS

Input voltage range 90-264VAC, 47- 63 hz maximum 27A.

### OUTPUT

Voltage: nominal 24 volts DC  $\pm$  720mV.

Current: Up to 2.5 Amps.

Ripple and Noise: Maximum 240mV.

### OUTPUT PROTECTION

Current limiting and overvoltage crowbar protected, auto restart.

### HOOKUP

Prewired connector.

### LINE CORD

Heavy duty six foot (1.83m) terminated with molded three-prong plug.

### HOUSING

ABS plastic black casing.

### DIMENSIONS

Maximum dimensions are 5.14" L (130.5mm ) x 2.72" W (69 mm) x 1.57" H (40 mm).

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## **ARCHITECTS' AND ENGINEERS' SPECIFICATIONS**

### **MODEL HM-24V-2.5A POWER SUPPLY 24 VOLT 2.5 AMP**

The HM-24V-2.5A power supply shall provide a regulated DC single output rated for 24 volts at 2.5 amps maximum. The power supply shall contain overloading, short circuit, and overvoltage protection.

The power supply shall be designed for a long life of continuous duty operation. Operating temperature shall be 0°C to 40°C (32°C to 104°F). Storage temperature shall be -40°C to 70°C (-40°F to 158°F).

The input power requirements shall be 90 to 264 VAC at 47 to 63 hz maximum 27 amps.

The output voltage shall be nominal 24 volts DC  $\pm 720$ mV up to 2.5 amps. Ripple and noise shall be maximum 240 mV. The output shall be floating with respect to ground.

A heavy duty six-foot (1.83m) line cord terminated with molded three-prong plug shall be provided for input connections. The output connection shall be prewired molded connector.

The power supply shall be housed in ABS plastic. The housing maximum dimensions shall be 5.14" L (130.5mm ) x 2.72" W (69 mm) x 1.57" H (40 mm).