

TECHNICAL SPECIFICATIONS

5 VOLT 10A POWER SUPPLY

HM-5V-10A

Low Profile

Lightweight Single Output

Global Safety Agency Compliance

Low Conducted EMI



DESCRIPTION

Single output regulated DC power supply rated for 5 volts at 10 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 5 volts DC \pm 250mV.

Current: Up to 10 Amps.

Ripple and Noise: Maximum 50mV peak to peak

Power: 50 Watts Maximum.

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 6.06" L (154mm) x 3.35" W (85mm) x 2.09" H (53mm).

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ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

MODEL HM-5V-10A POWER SUPPLY 5 VOLT 10 AMP

The HM-5V-10A power supply shall provide a regulated DC single output rated for 5 volts at 10 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 5 volts DC $\pm 250\text{mV}$ up to 10 amps. Ripple and noise shall be maximum 50 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 6.06" L (154mm) x 3.35" W (85mm) x 2.09" H (53mm).