150W AC-DC Enclosed Power Supplies







Features

- · Universal AC Input
- · Protections: short circuit/overload
- · Cooling by free air convection
- 100% pass aging test

Description

The 150W enclosed power supply range has been specially designed to offer high efficiency, long life and high reliability for use in a variety of applications.

Specifications

Part Number	MP002001	MP002002
DC Voltage	24V	12V
Rated Current	6.5A	12.5A
Current Range	0A to 6.5A	0 to 12.5A
Rated Power	156W	150W
Ripple & Noise	200mVp-p	150mVp-p
Voltage Regulation Range	±10%	±10%
Voltage Accuracy	±1%	±1%
Line Adjustment	±1%	±1%
Load Adjustment Rate	±1%	±1%
Rise	30ms, 100% Load	30ms, 100% Load
Hold Up Time	30ms 100% Rated Load	30ms 100% Rated Load
Voltage Range	170V AC to 264V AC	170V AC to 264V AC
Frequency	47Hz to 63Hz	47Hz to 63Hz
Efficiency	89%	88%
Alternating Current	2.8A / 115V AC 1.6A / 230V AC	2.8A / 115V AC 1.6A / 230V AC
Inrush Current	<60A / 230V AC	<60A / 230V AC
Leakage Current	<0.75mA / 240V AC	<0.75mA / 240V AC
Overload	120% to 150% of rated output, auto-recovery	120% to 150% of rated output, auto-recovery
Short Circuit	Hiccup Mode, auto-recovery	Hiccup Mode, auto-recovery
Over Voltage	115%-135% rated output voltage, Shut down o/p voltage, re-power to recover	115%-135% rated output voltage, Shut down o/p voltage, re-power to recover
Over Temp	Auto Recovery	Auto Recovery
Working Temp	-30°C to +70°C (See derating curve)	-30°C to +70°C (See derating curve)
Working Humidity	20%RH to 95%RH (Non condensing)	20%RH to 95%RH (Non condensing)
Storage Temp	-40°C to +80°C	-40°C to +80°C
Storage Humidity	10%RH to 95%RH (Non condensing)	10%RH to 95%RH (Non condensing)

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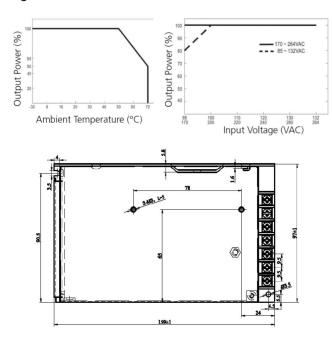


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Temp Coefficient	±0.03%/°C(0°C to 50°C)
Vibration Resistance	10Hz to 500Hz, 2G, 10min/cycle, X, Y, Z 60min in each direction
Safety Standard	CE, UL60950-1,EN60950-1
Withstand Voltage	I/P-O/P: 3 KV AC, I/P-FG: 2KV AC, O/P-FG:0.5KVAC
Isolation Resistance	I/P-O/P,I/P-FG,O/P-FG:100MΩ/500V DC
EMC	EN55022 Class B
Lifetime	380,000 hours (25°C)
Size	159 × 97 × 30 (L × W × H)
Weight	0.48Kg / pc 44pcs / carton

Diagram



Dimensions: Millimetres

Part Number Table

Description	Part Number
Enclosed Power Supply, 150W, 12V DC, 12.5A	MP002002
Enclosed Power Supply, 150W, 24V DC, 6.5A	MP002001

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