



## MMP PS-65W-12V DC Power Supply



## PRODUCT DESCRIPTION

- Low cost, high reliability
- 105°C output capacitor
- International AC input range (Universal Input)
- Built in EMI filter, low ripple noise
- High efficiency, low working temperature
- Soft-start circuit, limiting AC surge current
- Short circuit, overload protection
- Compact size, light weight
- 100% full load burn-in test
- UL1950, TUV EN60950-1 approved
- CISPR22 (EN55022)

SPECIFICATIONS	<i>(All specifications apply at 25°C unless otherwise noted.)</i>		VALUE
<b>INPUT</b>			
	Input Voltage Range		90-264 VAC
<b>OUTPUT</b>			
	Output Current		5 Amps, at 12V DC Nominal
	Voltage Accuracy		xxxxx
	Line Regulation (HL-LL)		±0.5% max.
	Load Regulation (20-100% load)		±3% max.
	Short Circuit Protection		N/A
	Ripple/Noise (20MHz BW)		100mV p-p
<b>GENERAL</b>			
	Efficiency		79% typ.
	Isolation Voltage (input to output)		3KV (1 min)
<b>ENVIRONMENTAL</b>			
	Operating Temperature (ambient)		-10°C to +60°C
	Storage Temperature		-20°C to +85°C
	Humidity (non-condensing)		10% to 95% RH
<b>PHYSICAL</b>			
	Dimensions		5.0" x 3.0" x 1.65"
	Weight		18 Oz.
	Case Material		open frame
	Shielding		

**MIDWEST MOTION PRODUCTS**

**DESIGN, MANUFACTURING & DISTRIBUTION - MOTION CONTROL EQUIPMENT**

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### NOTES

- 1) All parameters are specified at 115VAC input, rated load at 25°C ambient.
- 2) Tolerance includes set up tolerance, line regulation and load regulation.
- 3) Ripple & noise are measured at 20MHz bandwidth using a 12" twisted pair terminated with 0.1uf & 47uf parallel capacitor.
- 4) Outputs provide up to maximum current, but limited to maximum output power.
- 5) Mounting holes should be grounded for EMI purposes.
- 6) All case and pin-to-case measurements for reference only unless otherwise noted.

