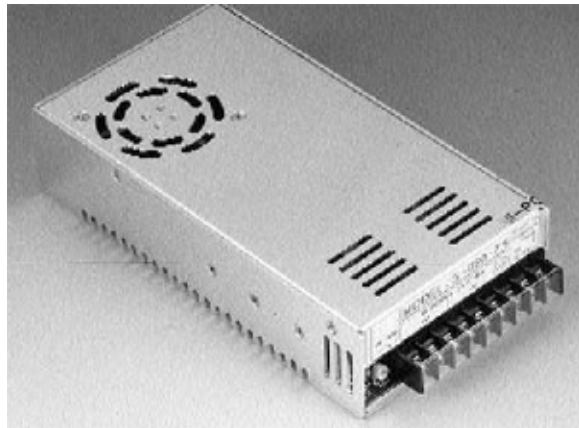




**Design, Manufacturing & Distribution —  
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**Model # MMP-PS-320W-24VDC  
 AC → DC Power Supply  
 88-264 VAC Input  
 24 VDC, 12.5 Amps Output**

The MMP-PS series of cased switching power supplies offers designers compact size, lightweight, low cost, and high reliability.

## SPECIFICATIONS

*All specifications apply at 25°C unless otherwise noted.*

SPECIFICATION	VALUE
<b>INPUT</b>	
Input Voltage Range	88-264 VAC Universal Input
Input Filter	N/A
Remote ON/OFF	N/A
<b>OUTPUT</b>	
Output Current	12.5 Amps DC
Voltage Accuracy	24V = ±1%
Output Adjustability	18 ~ 27V
Line Regulation (HL-LL)	±0.5%
Load Regulation (20-100% load)	12-48V ±0.5%
Short Circuit Protection	Hiccup mode, auto recovery
Ripple/Noise (20MHz BW)	5-24V 150mV p-p
Step-up, Rise, Hold time.	2000ms, 20ms, 20ms @ full load
<b>GENERAL</b>	
Efficiency	82 %
Isolation Voltage (input to output)	3KV(input to output 1min) 0.5-1.5KV(to ground)
Isolation Resistance (input to output)	I/P-O/P, I/P-FG, O/P-FG: 100M Phms/500VDC
Frequency Range	47 ~ 63Hz

**ENVIRONMENTAL**

Ambient Operating Temp.	-10 deg c to +50 deg c 100% power, 60 deg c 60% power
Storage Temperature	-20°C to +85°C
Humidity (non-condensing)	10% to 95% RH
Cooling	Forced air fan built in

**PHYSICAL**

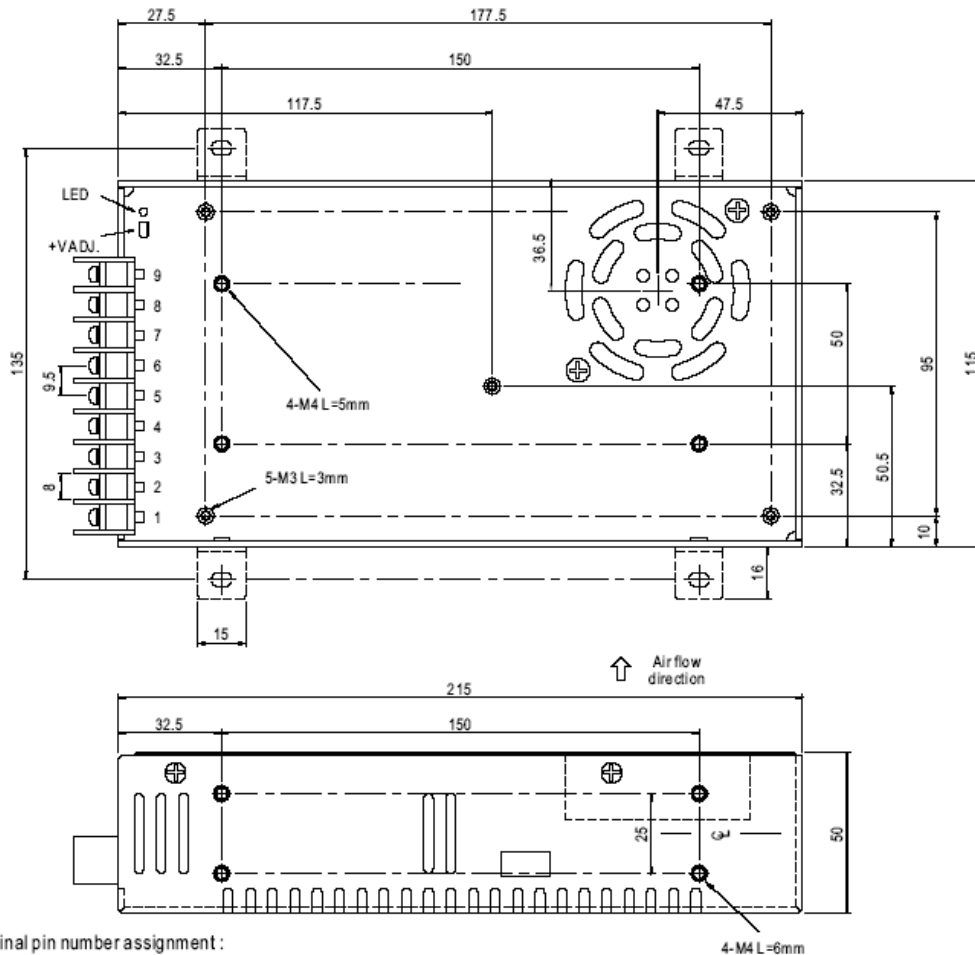
Dimensions	see drawing
Weight	1.08Kg
Case Material	Enclosed case
Shielding	N/A

*Due to advances in technology, specifications subject to change without notice.*

**NOTES**

- 1) All parameters are specified at 230VAC input, rated load, 25°C ambient.
- 2) Tolerance: Include set up tolerance, line regulation, load regulation.
- 3) Ripple & noise measured at 20MHz using 12" twisted pair terminated with a 0.1 uf & 48uf capacitor.
- 4) Case and pin-to-case measurements are for reference only unless noted otherwise.

**Midwest Motion Products Model # MMP-PS-320W-24VDC Power Supply Dimensional Drawing:**



Terminal pin number assignment :

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4-6	DC OUTPUT -V
2	AC/N	7-9	DC OUTPUT +V
3	FG $\perp$		

