



MMP PS-320W-12V
 AC → DC Power Supply
 88-264 VAC in → 12 VDC, 25 Amps Out

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

| SPECIFICATION | VALUE |
|--|---|
| INPUT | |
| Input Voltage Range | 88-264 VAC Universal Input |
| Input Filter | N/A |
| Remote ON/OFF | N/A |
| OUTPUT | |
| Output Current | 25 Amps DC |
| Voltage Accuracy | 12V = ±1% |
| Output Adjustability | 10 ~ 13.2V |
| 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 |
| GENERAL | |
| 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 | |
| Weight | 2 lbs |

MIDWEST MOTION PRODUCTS

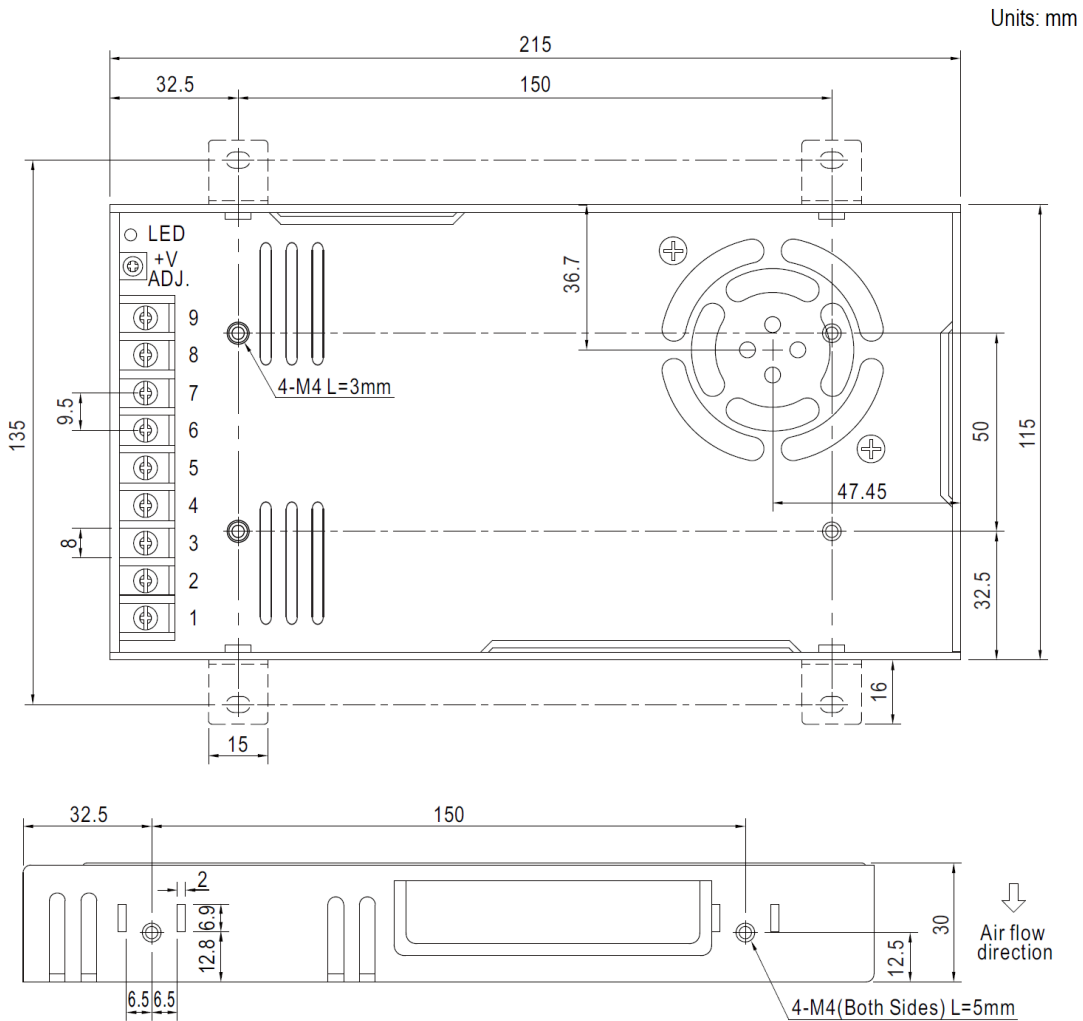
DESIGN, MANUFACTURING & DISTRIBUTION - MOTION CONTROL EQUIPMENT

www.midwestmotion.com email: sales@midwestmotion.com

NOTES

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

Dimensional Drawing:



Terminal Pin No. 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 | | |