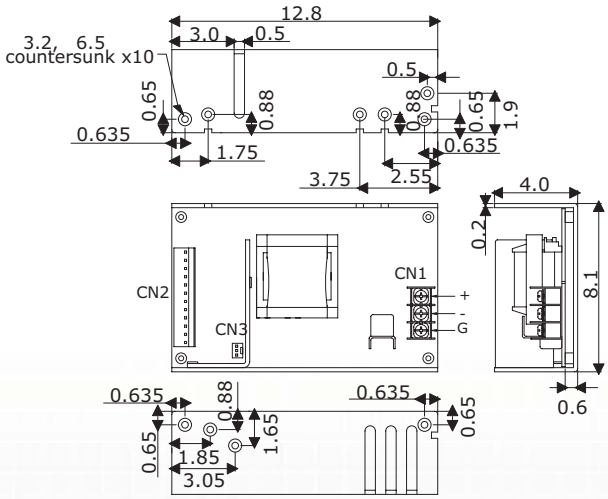
MPD-807H
100W DC-DC ATX Power Supply

Industrial Power Supply



Specifications

Output Voltage	+5V	+12V	-12V	+3.3V	+5Vsb
Min. Output Current	0.5A	0A	0A	0A	0A
Rated Output Current	5A	1.75A	0.5A	4A	0.75A
Max. Output Current (Note 1)	8A	3A	----	6A	----
Line Regulation	1%	1%	1%	1%	1%
Load Regulation	2%	4%	5%	2%	2%
Ripple & Noise p-p (Note 2)	50mV	120mV	120mV	50mV	120mV
Initial Setting Accuracy	5.08V to 5.13V	11.4V to 12.6V	-11.4V to -12.6V	3.10V to 3.50V	4.80V to 5.20V

Total Output Power

100W at 50°C environment temperature (Note 3)

Note:
1) The maximum total combined output power on the +3.3V and +5V rails is 40W
2) Measured by a 20MHz bandwidth limited oscilloscope and the each output is connected with a 10uF Electrolytic Capacitor and a 0.1uF Ceramic Capacitor
3)

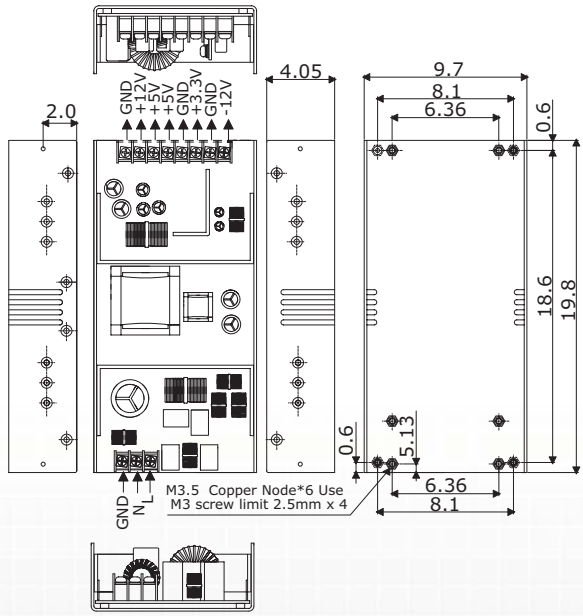
Convection Cooling		With 8.6CFM Forced Air-Cooling	
Input Voltage	Output Wattage	Input Voltage	Output Wattage
9Vdc	60W	9Vdc	80W
10-11Vdc	65W	10-11Vdc	90W
12-32Vdc	70W	12-32Vdc	100W

Dimensions

12.8 x 8.1 x 4.0 cm, Tolerance +/-0.4mm

MPD-815H
150W DC-DC Power Supply

DC-DC



Specifications

Output Voltage	+5V	+12V	-12V	+3.3V	+5Vsb
Mini. Output Current	1A	0A	0A	0A	0A
Rated Output Current	11A	5A	0.5A	7.5A	0.75A
Max. Output Current (Note 1)	14A	10A	1A	12A	1.5A
Line Regulation	+/-1%	+/-1%	+/-1%	+/-1%	+/-1%
Load Regulation	+/-2%	+/-4%	+/-5%	+/-4%	+/-4%
Ripple & Noise p-p (Note 2)	50mV	100mV	150mV	50mV	100mV
Initial Setting Accuracy (Note 3)	5.05V to 5.15V	11.8V to 12.8V	-11.4V to -12.6V	3.20V to 3.5V	4.80V to 5.20V

Total Output Power

150W at 50°C environment temperature

Note:
1) The maximum total combined output power on the +3.3V and +5V rails is 90W
2) Measured by a 20MHz bandwidth limited oscilloscope and the each output is connected with a 10uF Electrolytic Capacitor and a 0.1uF Ceramic Capacitor
3) Initial Setting Accuracy is at Input 24VDC and all output at 60% rated load

Dimensions

19.8 x 9.7 x 4.0 cm, Tolerance +/-0.4mm