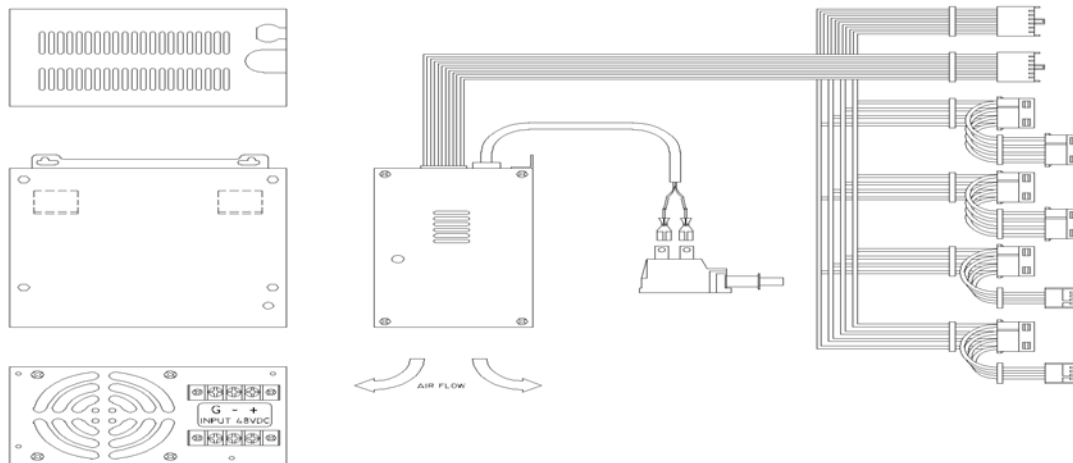


200 – 400 Watts

MOSFET Power Supply

DC-DC
Series APS3



- Designed for telecom, mobile, marine and aerospace applications
- **Low Cost**, typically less than \$.50/Watt
- Available with AT, AT/3.3 and ATX configurations
- High MTBF, provides low life cycle cost

- Easy installation, pre-cabled for computer or custom applications
- Single or diode isolated dual input
- Remote cable or unit mounted on/off switch
- Custom cables/connector(s) available

Input Voltage: -48, +24, +12

Overshoot: Any overshoot at turn-on or turn-off shall be less than 15% of the nominal voltage value.

Recovery: 500uS @ 25% load change. Load slew rate shall not be greater than 0.2 A/uS

On/Off: TTL Active low (ATX only)

Remote Sense: +5V, +3.3V

Dielectric: PRI to SEC 1500V AC for 1 min, leakage current 3.5 ma MAX @

125VAC, 60HZ, 240VAC, 50HZ

Efficiency: 70% Typical

Protection: Overcurrent, over voltage, short circuit

Mechanical: L=140MM, W=150MM, H=86MM (PS2 face mount 250-400 Watt)

Mechanical Shock: 50 G Trapezoidal wave, velocity change = 170 in/Sec

Vibration: .01G per HZ @ 5HZ, sloping to .02G per HZ @ 20HZ and

maintaining .02G per HZ from 20 to 500HZ AREA/PSD curve 3.13 grams
Cooling: Forced air, HD ball bearing fan

Environment (Operating): 0-50C 8 to 85% Relative Humidity Non-Condensing

Safety: UL cUL.TUV

Emissions: FCC "B", CE

Options: Custom Cables

APS3 RATINGS

OUTPUT VOLTAGE	OUTPUT POWER					REGULATION		OUTPUT RIPPLE & NOISE
	-48VDC IN			+24VDC IN	+12VDC IN	LOAD	LINE	
	400 Watt	350 Watt	300 Watt	250 Watt	250 Watt			
+5V	42A	38A	35A	25A	25A	5%	1%	50mV
+12V	9/12A	8/10A	10A	10A	10A	5%	1%	100mV
-5V	1.0A	1A	0.5A	0.5A	0.5A	10%	1%	100mV
-12V	3A	3A	3A	2A	2A	10%	1%	120mV
+3.3V*	21A	21A	N/A	15A	15A	5%	1%	50mV
+5VSB*	1A	1A	N/A	1A	1A	5%	1%	50mV

* ATX/3.3v Option Only

Specifications subject to change without notice.

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