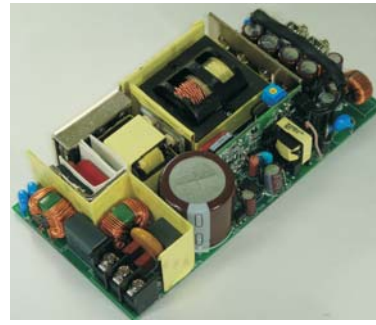


200 ~ 300 Watts Single Output AC-DC Open frame Type Medical Power



FEATURES

- ♦ 3 x 6 inch footprint with 1.5 inch low profile ♦ Operation altitude up to 5000meters ♦ Inhibit - TTL high to disable output ♦ BF Class insulation
- ♦ Power Factor 0.98 typical ♦ Less than 220uA leakage current ♦ EN55011/55022 class B emissions ♦ Power Fail Detect(PFD) signal (optional)

SPECIFICATIONS

Input Voltage 90-264 VAC
 Input Frequency 47-63Hz
 Input Current 4.0A max.
 Inrush Current 20A/115VAC or 40A/230VAC at 25°C cold start
 Earth Leakage/Touch Current 220uA/100uA max. at 264 VAC/63Hz
 Line regulation 0.5% max. at full load
 Remote Sense Compensation for cable losses up to 0.5V
 Withstand voltage 5656VDC from input to output
 Hold Up Time 10ms min. at 110VAC
 Operating Temperature 0 to +70°C

Derating from 100% at +50°C linearly to 50% at +70°C

Storage Temperature / Humidity -40 to +85°C / 5% to 95%
 Fan Power 12V at 1.0A max
 Standby Power 5 V at 2.0 A maximum or 12 V at 1.0 A maximum
 Safety Standard UL ES 60601-1/CSA-C22.2 No. 60601-1, CE
 EMC Standard EN55011, EN55022 class B
 EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11

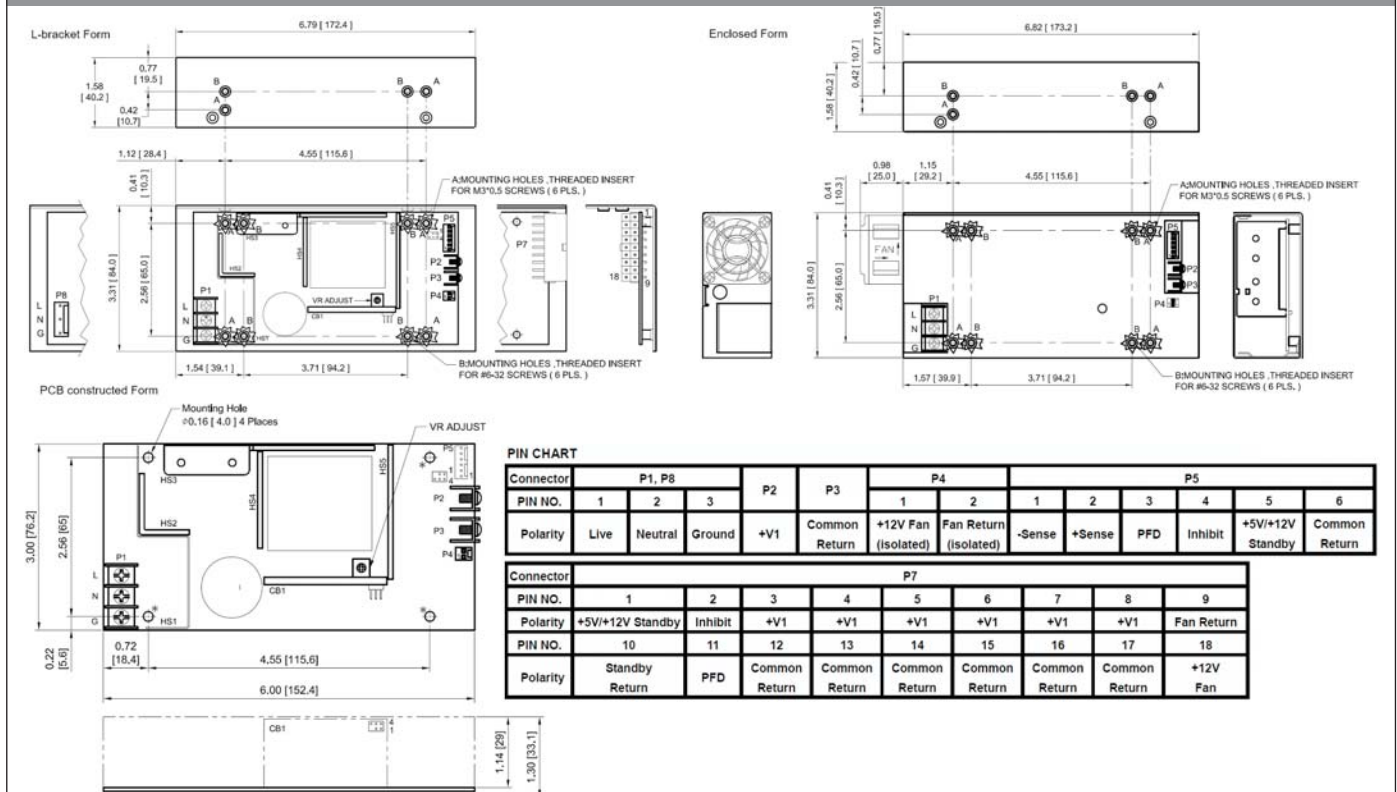
All specifications are typical at nominal line, full load and 25°C; unless otherwise noted.

Model Number	Output Voltage	Output Current			Output Max. Watts	EFF. 115V/230V
		convection	10CFM	Peak		
FPM301-S120-zw	12VDC	16.67A	25A	30A	200W/300W	89/91%
FPM301-S150-zw	15VDC	13.34A	20A	24A	200W/300W	89/92%
FPM301-S190-zw	19VDC	10.53A	15.8A	18.9A	200W/300W	89/91%
FPM301-S240-zw	24VDC	8.34A	12.5A	14.5A	200W/300W	89/92%
FPM301-S300-zw	30VDC	6.67A	10A	11A	200W/300W	89/92%
FPM301-S360-zw	36VDC	5.56A	8.34A	9.6A	200W/300W	89/92%
FPM301-S480-zw	48VDC	4.17A	6.25A	7.5A	200W/300W	90/92%

Notes:

1. z = blank for open frame ; z = L for L-bracket ; z = E for Enclosed
2. w = blank or -12 to denote standby power output ; blank for 5V, -12 for 12V
3. 200 W without moving air or 300 W with 10 CFM forced air provided by user for "blank" and "L" versions, 300 W for "E" version with cover and fan assembly
4. Ripple and noise is maximum peak to peak voltage value measured at output within 20 MHZ bandwidth, at rated line voltage and output load ranges, and with a 10 uF tantalum capacitor in parallel with a 0.1 uF ceramic capacitor across the output
5. Peak output current with 10% duty cycle maximum for less than 15 seconds, average power not to exceed maximum power rating

MECHANICAL DRAWING (Unit: mm)



NOTES:

1. Dimensions shown in inches [mm] ; Tolerance 0.02 [0.5] maximum ; Maximum penetration depth of fixing screws is 4 mm from the outer surface of chassis.
2. Input connector P1 is Dinkle DT-35-B01W-03 with M3, nickel-plated screws ; Output connector P2 and P3: M3 x 0.5 screw connections.
3. Fan connector P4: Molex header 22-04-1021 or equivalent, mating with Molex housing 22-01-1022 or equivalent.
4. 1. Connectors P5: Molex header 22-04-1061 or equivalent, mating with Molex housing 22-01-1062 or equivalent.
5. Optional output connector P7: Molex header 39-30-1180 or equivalent, mating with Molex housing 39-01-2185 or equivalent.
6. Optional input connector P8: Molex header 26-60-4050 or equivalent, mating with Molex housing 09-50-8050 or equivalent.
7. PCB form, to ensure compliance with level B emissions, connect the three " * " marked mounting holes with metallic standoffs to chassis.
8. Weight: 510 grams (1.12 lbs.) approx. for PCB form, 612 grams (1.35 lbs.) approx. for L-bracket form, 744 grams (1.64 lbs.) approx. for enclosed form.