

## 80-100 Watts Single Output AC-DC Open Frame Type Medical Power

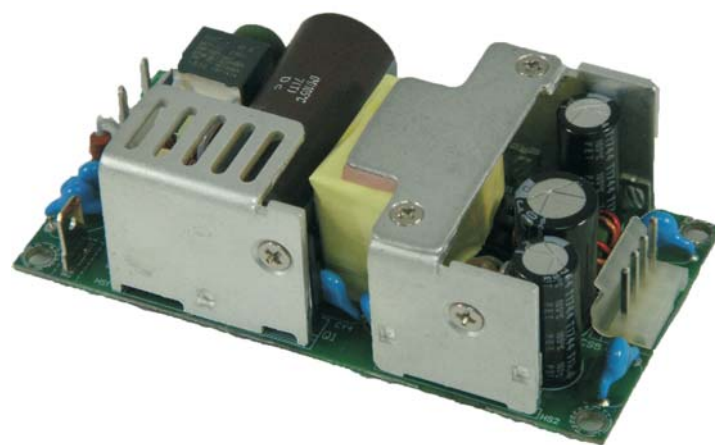
### FEATURES

- 2 x 4 inch footprint with 1.29 inch low profile
- Operation altitude up to 5000 meters
- Protections: OVP, Short Circuit
- No load power consumption less than 0.15W
- Less than 175  $\mu$ A leakage current
- EN55011/55032 class B emissions
- BF class insulation

### SPECIFICATIONS

Input Voltage	80-264 VAC
Input Derating	Derate linearly from 100% at 90VAC To 90% at 85VAC and 80% at 80VAC
Input Frequency	47-63Hz
Input Current	2.0A max.
Inrush Current	80A/100VAC or 160A/230VAC at 25°C cold start
Earth Leakage/Touch Current	175 $\mu$ A/100 $\mu$ A max. at 264 VAC/63Hz
Line regulation	0.5% max. at full load
Withstand voltage	5656VDC from input to output
Hold Up Time	12ms min. at 110VAC
Operating Temperature	-20 to +70°C Derate from 100% at +50°C linearly to 50% at +70°C
Storage Temperature	-40 to +85°C
Storage Humidity	5% to 95%
Safety Standard	UL ES 60601-1/CSA-C22.2 No. 60601-1, CE
EMC Standard	EN55011, EN55032 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.

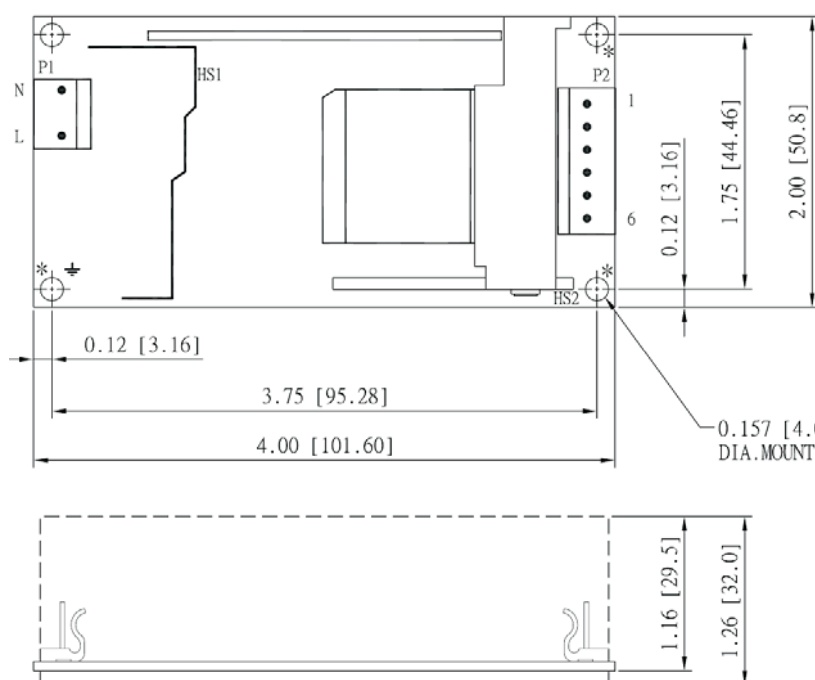


Model Number	Output Voltage	Output Current		Output Max. Watts	EFF. 115V/230V
		convection	7.5CFM		
FPM101-S120	12VDC	6.67A	8.34A	80W/100W	87/90%
FPM101-S150	15VDC	5.34A	6.67A	80W/100W	87/90%
FPM101-S180	18VDC	4.45A	5.56A	80W/100W	87/90%
FPM101-S240	24VDC	3.34A	4.17A	80W/100W	88/90%
FPM101-S280	28VDC	2.86A	3.58A	80W/100W	88/90%
FPM101-S320	32VDC	2.50A	3.13A	80W/100W	88/90%
FPM101-S360	36VDC	2.23A	2.78A	80W/100W	88/90%
FPM101-S480	48VDC	1.67A	2.09A	80W/100W	88/90%

#### NOTES:

The first value of max. power is at convection cooling. The second value is with 7.5 CFM forced air provided by user.

### MECHANICAL DRAWING (Unit: mm)



#### NOTES:

1. Dimensions shown in inches [mm]
2. Tolerance 0.02 [0.5] maximum
3. Connector P1: Molex header 09-65-2038 or equivalent mating with Molex housing 09-50-1031 or equivalent.
4. Connector P2: Molex header 09-65-2068 or equivalent mating with Molex housing 09-50-1061 or equivalent.
5. To ensure compliance with level B emissions, connect the three “\*” marked mounting holes with metallic standoffs to chassis.
6. Weight: 190 grams (0.44 lbs.) approx.

#### OUTPUT PIN CHART

PIN NO	Assignment
1	V1 Return
2	
3	
4	+V1
5	
6	