



MOF-450D Series Medical Power Supply Level VI

450-Watt Dual Output, Open Frame Power Supply

INPUT SPECIFICATIONS

All specifications are typical at nominal input, full load.

INPUT SPECIFICATIONS

Input Voltage	AC 100 – 240VAC
Input Frequency	50 – 60Hz
Input Current	5.3A-2.2A
Protection	Internal Primary Current Fuse

OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Protection	Short Circuit Protection
	Over Current Protection
	Over Voltage Protection
Ripple & Noise	2% Vp-p (max) @ full load
Hold-Up Time	10 mS (min) Full Load
Transient Response	0.5mS for 50% Load Change(typ)
Load Regulation	± 5% (typ)
Leakage Current	<100 Micro Amp

GENERAL SPECIFICATIONS

MTBF(Calculated)	300,000 Calculated hours at 25°C by Telcordia SR-332
Dielectric Withstanding Voltage	4,000 VAC Primary – Secondary
EMI Conduction & Radiation	Compliance to EN55022 Class B
Harmonic Current	Compliance to EN61000-3-2,3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11
Safety Approvals	CB/UL/cUL/FCC/CE/TUV SUD



FEATURES

- IEC/EN/ANSI/AAMI ES60601-3, Edition 3.1
- DoE/CEC LEVEL VI
- IEC/EN/UL 62368-1 & IEC 60950-1
- Leakage current <100 micro Amp
- Means of Protection: 2 X MOPP
- Regulated Output with Low Ripple Noise
- Standby 5V / 1A

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-20°C + 50°C
Storage Temperature	-20°C + 80°C
Cooling.	250w with convection cooling / 450w with fan
Operating Humidity	20 – 80% RH
Storage Humidity	10 – 90% RH

MECHANICAL SPECIFICATIONS

Case Dimension	L127 x W76 x H34mm
Enclosed: Top Fan Dims	L127 x W87 x H50mm
Enclosed: Side Fan Dims	L148 x W80 x H40.6mm
Weight	Open Frame: 390g W/Top Fan: 570g W/Side Fan: 660g



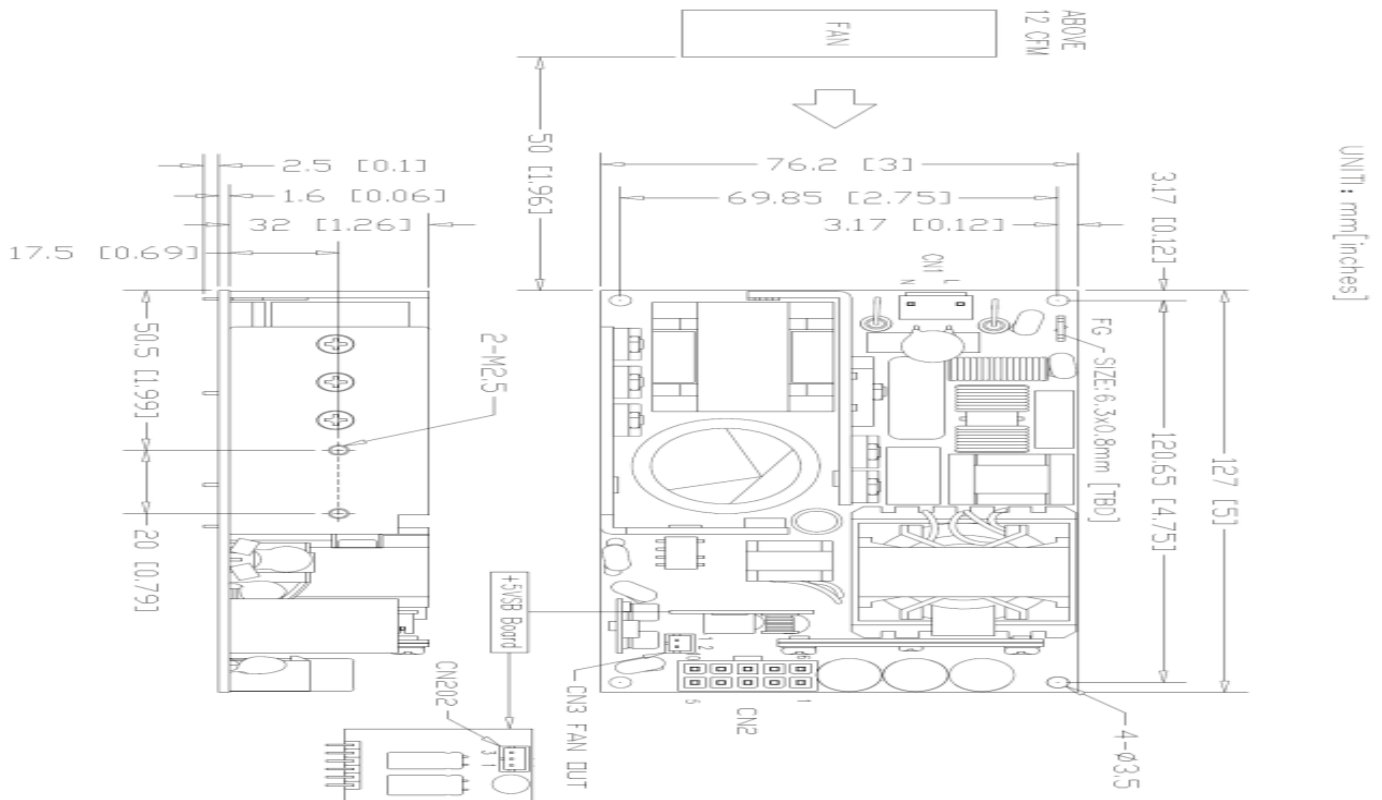
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Model Number	Dual Output Voltage	O/P Current	O/P Current w/Fan	Watts	Watts w/Fan
MOF450-1205D	12.0V	20.8A	37.5A	260W	462W
MOF450-1505D	15.0V	16.6A	30.0A	260W	462W
MOF450-1905D	19.0V	13.0A	23.7A	260W	462W
MOF450-2405D	24.0V	10.4A	18.8A	260W	463W
MOF450-3605D	36.0V	6.9A	12.5A	260W	462W
MOF450-4805D	48.0V	5.2A	9.4A	260W	463W
MOF450-5405D	54.0V	4.6A	8.3A	260W	460W
MOF450-5606D	56.0V	4.5A	8.0A	260W	460W

- To Purchase w/additional fan add T or S

Example: MOF450-XXXD-T/S
T=Top Fan
S=Side Fan

Mechanical Drawing:

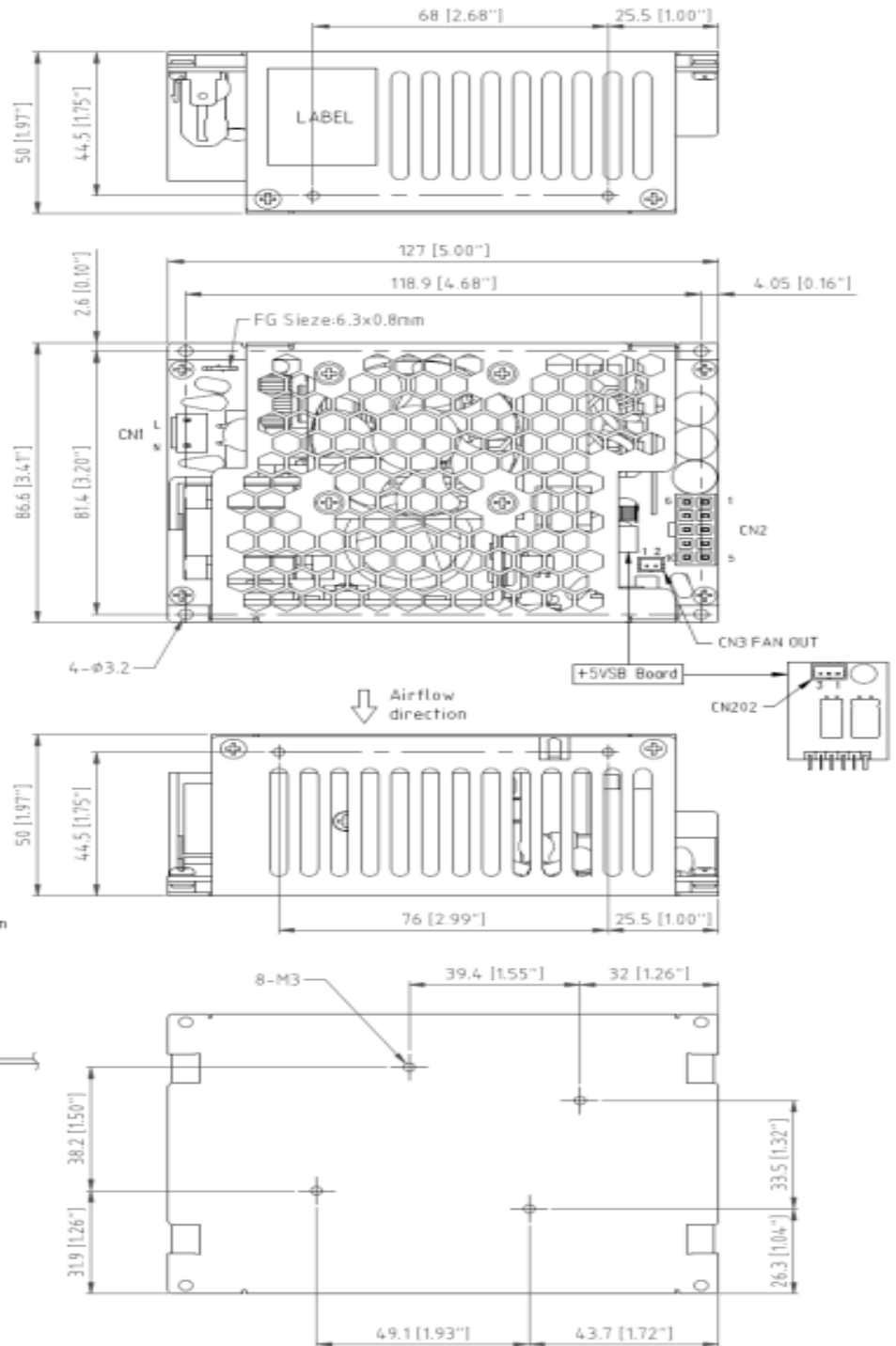




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Mechanical Drawing:

UNIT : mm [inches]





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Mechanical Drawing:

