



MOF-120S Series Medical Power Supply Level VI

Medical 120-Watt Single 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	1.5A-0.7A
Protection	Internal Primary Current Fuse

OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Protection	Short Circuit Protection
	Over Current Protection
	Over Voltage Protection
Ripple & Noise	1% 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/TUV/SUD/CE

FEATURES

- IEC/EN/ANSI/AAMI ES60601-3, Edition 3.1
- DoE/CEC LEVEL VI
- IEC 60950-1
- Leakage current <100 micro Amp
- Means of Protection: 2 X MOPP
- Regulated Output with Low Ripple Noise
- Single Output to 120W

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0°C + 50°C
Storage Temperature	-20°C + 80°C
Cooling.	Natural Convection Cooling
Operating Humidity	20 – 80% RH
Storage Humidity	10 – 90% RH

MECHANICAL SPECIFICATIONS

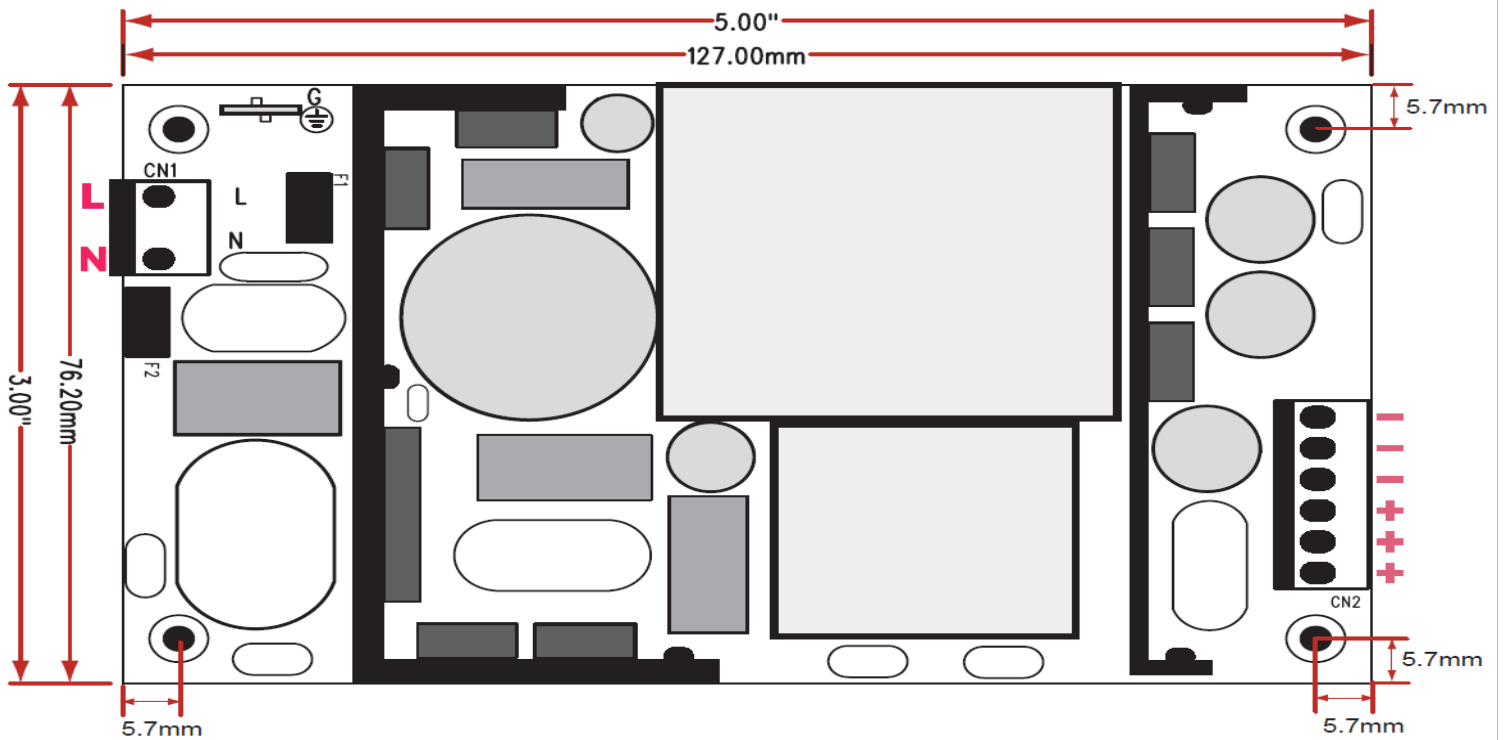
Case Dimension	L127 x W76 x H30.5mm
Weight	300g (Ref).



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Model Number	Dual Output Voltage	Output Current	Max Output Power
MOF120-120S	12.0V	10.0A	120W
MOF120-150S	15.0V	8.0A	120W
MOF120-190S	19.0V	6.3A	120W
MOF120-240S	24.0V	5.0A	120W
MOF120-300S	30.0V	4.0A	120W
MOF120-480S	48.0V	2.5A	120W

Mechanical Drawing:



CN1		CN2	
JWT,A3961WV2-3P or equivalent		JWT,A3961WV2-6P or equivalent	
PIN1 : AC Line		PIN1 : Vo -	PIN4 : Vo +
PIN2 : No Pin		PIN2 : Vo -	PIN5 : Vo +
PIN3 : AC Neutral		PIN3 : Vo -	PIN6 : Vo +