



MOF-305D Series Medical Power Supply Level VI

Medical 305-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	3.6A-1.6A
Protection	Internal Primary Current Fuse Inrush Limiting

OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Efficiency	DoE/CEC Level VI,
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

FEATURES

- IEC/EN/ANSI/AAMI ES60601-3, Edition 3.1
- DoE/CEC LEVEL VI
- IEC 60950-1
- 305W with fan
- Leakage current <100 micro Amp
- Standby 5V/1 amp
- Means of Protection: 2 X MOPP

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-20°C~+50°C
Storage Temperature	-20°C ~ +80°C
Cooling.	Convection/Forced Air
Operating Humidity	20 – 80% Rh
Storage Humidity	10 – 90% Rh

MECHANICAL SPECIFICATIONS

Case Dimension	L27 x W76 x H38 (mm)
Weight	350g (Ref).
EMS Immunity	Compliance to EN61000-4- 2,3,4,5,6,8,11
Safety Approvals	CB/UL/cUL/FCC/CE



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Model Number	Dual Output Voltage	Output Current Without Fan/With Fan	Max Output Power Without Fan/With Fan
MOF305-1205D	12V/5.0V	16.0 A / 25.0A*	197W / 305W*
MOF305-2405D	24V/5.0V	10.4A / 12.5A*	255W / 305W*
MOF305-4805D	48V/5.0V	5.2A / 6.25A*	255W / 305W*

Fan voltage: 12V/ 0.6 Amp

* With 11CFM Fan

Mechanical Drawing:

Unit: mm[inches]

