

400 Watts Single Output AC-DC Adaptor Medical Power

FEATURES

- ♦ Wide input range 90 to 264VAC
- ♦ BF Class insulation
- ♦ Operating altitude up to 5000 meters
- ♦ Low safety ground leakage current
- ♦ Protections: OCP, OVP, Short Circuit, Over Temperature
- ♦ Less than 300uA leakage current
- ♦ MTBF 350K hours at full load at 25°C ambient
- ♦ Efficiency greater than 85%
- ♦ Comliant with RoHS requirements

SPECIFICATIONS

Input Voltage	90~264VAC
Input Frequency	47~63Hz
Input Current	4.2A max.
Inrush Current †	20A/115VAC ; 40A/230VAC
Hold Up Time	12ms min. at 110VAC & 400W
Operating Temperature.....	-10°C to +60°C
Derate from 100% at +40°C linearly to 50% at +60°C	
Storage Temperature	-40°C to +85°C
Over Voltage protection	Set at 115-140% of nominal output voltage
Over Current Protection	Protected to output short circuit conditions
Over Temp. Protection	Protected to over temperature conditions
Earth leakage current / Touch current	300uA max. / 100uA max. @ 264VAC, 63Hz
Storage Humidity	5% to 95%
Safety Standard	UL ES 60601-1/CSA C22.2 No. 60601-1
EMC Standard	EN55011 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 (VDC)	Output Current (A) max.	R & N Vp-p(mV) max.	Max. Watts
FDM400-S180-4	18.0	22.23	120	400W
FDM400-S240-4	24.0	16.67	150	400W
FDM400-S280-4	28.0	14.29	180	400W
FDM400-S360-4	36.0	11.12	190	400W
FDM400-S480-4	48.0	8.340	200	400W

MECHANICAL DRAWING (Unit: mm)

