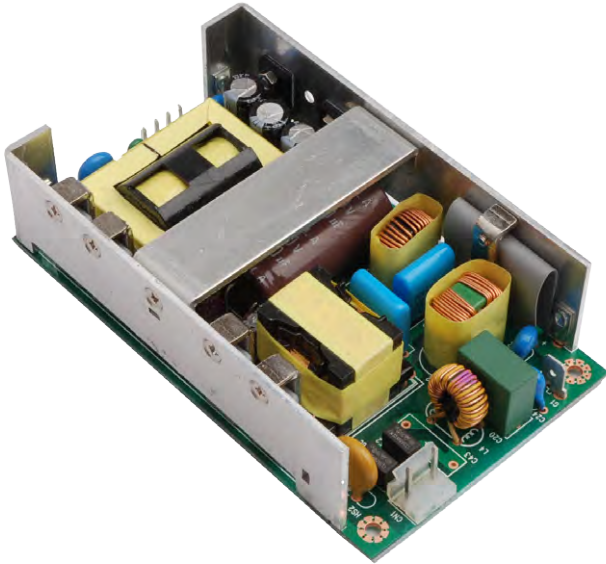


# 120 Watt Medical Open Frame Power Supply MDM120-F Series



MDM120 - F XXX

└─ O / P Voltage

## Green Mode

Meet CEC , Energy Star Level V , ErP Stage 2  
NO Load Power Consumption Less Than 0.5W

### Features:

- ANSI/AAMI/IEC/EN ES60601-1:2005 (60601 3rd edition)
- IEC 60950 approval
- Means of Protection: 2 X MOPP
- Touch Current : < 100µA
- Designed to Meet UL60950-1 , EN60950
- 100-240VAC Universal Input
- Single Output to 120W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
MDM120-F120	12V	10.00A	120W
MDM120-F150	15V	8.00A	120W
MDM120-F190	19V	6.30A	120W
MDM120-F240	24V	5.00A	120W
MDM120-F300	30V	4.00A	120W
MDM120-F480	48V	2.50A	120W

## Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.5A-0.7A
Protection	Internal Primary Current Fuse
Configuration	2PIN Wafer + Ground PIN

## Output

Load Regulation	±5% ( Typical )
Ripple	1 ~ 2% Vp-p Max. for Output Voltage@ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection

## Safety Approvals

CB / UL / cUL / T- mark(TUV)

## Electrical

Topology	LLC
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100µA
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

## Environmental

Operating Temperature	0 to + 50°C
Storage Temperature	-20 to + 80°C
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

## Mechanical

Dimension	L 127 x W 76 x H 35 (mm) ( Ref. ) 5" X 3" X 1.4" (inch)
Weight	320 g ( Ref. )