



I.T.E. / Medical Open Frame Power Supply 120 Watt Series

ATM120T-F X X X

→ O / P Voltage

Green Mode

Meet CEC, DoE Level VI, ErP Stage 2
No Load Power Consumption Less Than 0.21W

Features :

- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.1)
- Means of Protection: 2 X MOPP
- Touch Current : < 100µA
- IEC/UL 60950-1
- 100-240VAC Universal Input
- Single Output to 120W
- Regulated Output With Low Ripple Noise
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
ATM120T-F120	12.0V	10.0A	120W
ATM120T-F150	15.0V	8.0A	120W
ATM120T-F190	19.0V	6.3A	120W
ATM120T-F240	24.0V	5.0A	120W
ATM120T-F300	30.0V	4.0A	120W
ATM120T-F480	48.0V	2.5A	120W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.5A-0.7A
Protection	Internal Primary Current Fuse

Output

Load Regulation	±5% (Typical)
Ripple & Noise	1% 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 / TÜV SÜD Mark / CE

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	L127 x W76 x H30.5 (mm) 5" x 3" x 1.2"
Weight	300g (Ref.)