



I.T.E. / Medical Open Frame Power Supply 200 Watt Small Size Series

ATM200TS-F X X X □

O / P Voltage ←

Blank: Open Frame
X: Enclosed Type

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/EN/UL 62368-1 & IEC 60950-1
- 100-240VAC Universal Input
- 200W With Fan
- Regulated Output With Low Ripple Noise
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current		Watt	
		Convection	With Fan*	Convection	With Fan*
ATM200TS-F120□	12.0V	11.6A	16.0A	140W	192W
ATM200TS-F150□	15.0V	9.3A	13.0A	140W	195W
ATM200TS-F240□	24.0V	5.8A	8.3A	140W	200W
ATM200TS-F360□	36.0V	3.9A	5.5A	140W	200W
ATM200TS-F480□	48.0V	2.9A	4.2A	140W	200W

*With 12 CFM Fan

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	2.5A-1A
Protection	Internal Primary Current Fuse

Output

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

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	140W With convection cooling 200W With fan cooling

Mechanical

Dimension	Open Type : L 101.6 × W 50.8 × H 36 (mm) 4" x 2" x 1.4"
	Enclosed Type : L 103.4 × W 62 × H 42.9 (mm) 4.1" x 2.4" x 1.7"
Weight	Open Type : 284g (Ref.)
	Enclosed Type : 306g (Ref.)