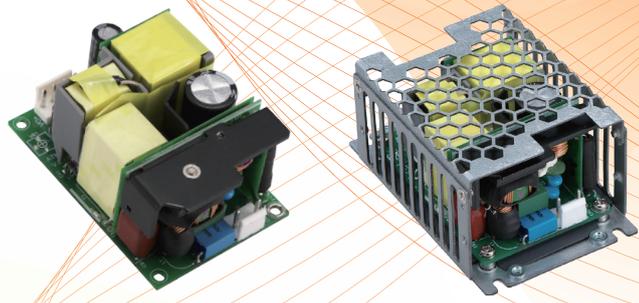




I.T.E.

Medical



Open Frame Power Supply 200 Watt Small Size Series

ATM200A5 - F X X X □

O / P Voltage ← → Blank : Open Frame
X : Enclosed Type

- Features :**
- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.2)
 - EMC : IEC60601-1-2 (Edition 4.1)
 - Means of Protection: 2 X MOPP
 - IEC/EN/UL 62368-1
 - Meet IEC60335-1 & IEC61558-1/-2-16
 - 100-240VAC Universal Input
 - 200W With Fan
 - Class I / Class II Available
 - Over Voltage Category III (OVC III)
 - Regulated Output With Low Ripple Noise
 - Modified and Custom Design Available
 - 2 Years Warranty

Output	
Load Regulation	±5% (Typical)
Ripple & Noise	≤ 1% Vp-p @ Full Load
Transient(Dynamic) Response	0.5mS for 50% Load Change Typical
Start-up Time	< 3,000mS
Hold-up Time	≥ 10mS@ Full Load
Rise Time	< 50mS
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection

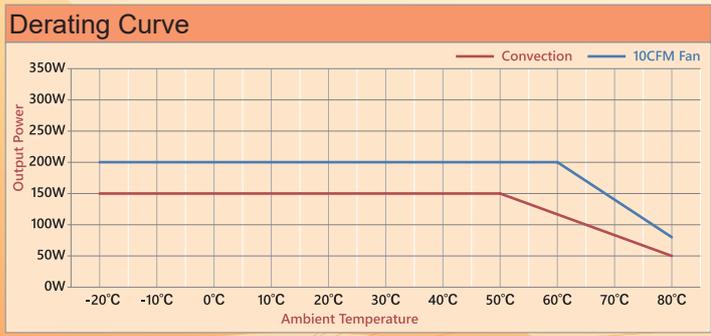
Model	O/P Voltage	O/P Current		Watt	
		Convection	With Fan*	Convection	With Fan*
ATM200A5-F120□	12.0V	12.50A	16.67A	150.0W	200.00W
ATM200A5-F240□	24.0V	6.25A	8.34A	150.0W	200.16W
ATM200A5-F480□	48.0V	3.13A	4.17A	150.2W	200.20W
ATM200A5-F540□	54.0V	2.78A	3.71A	150.1W	200.30W
ATM200A5-F560□	56.0V	2.68A	3.58A	150.1W	200.50W

*With 10 CFM Fan

Electrical	
Topology	LLC
Dielectric Withstand	4,000VAC Primary - Secondary
Touch Current(Patient) Leakage Current	< 100µA
Leakage Current	< 5mA
Efficiency	Meet DoE Level VII, ErP Stage 2
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Input	
Voltage	100-240VAC
Line Frequency	47-63Hz
Current	2.55A-1.15A
Protection	Internal Primary Current Fuse

Environmental	
Operating Temperature	-20 to + 50°C
Storage Temperature	-20 to + 80°C
Operating Altitude	5,000M
Relative Humidity	Operating : 20 to 80% RH Storage : 10 to 90% RH
Cooling	150W with Convection Cooling 200W with Forced Cooling



Mechanical	
Dimension	Open Type : L 76.2 × W 50.8 × H 38.1 (mm) 3" x 2" x 1.5"
	Enclosed Type : L 95 × W 62 × H 44 (mm) 3.74" x 2.44" x 1.73"
Weight	Open Type : 175g (Ref.)
	Enclosed Type : 265g (Ref.)