

NEW

I.T.E.

Medical



Open Frame Power Supply 1000 Watt Series

ATM1000A5 - F X X X

O / P Voltage ←

Features :

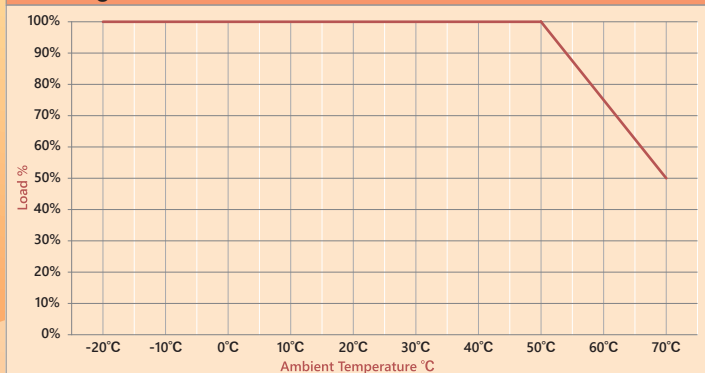
- Meet IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.2)
- Meet EMC : IEC60601-1-2 (Edition 4.1)
- Means of Protection : 2 X MOPP
- Meet IEC/EN/UL 62368-1
- Meet IEC60335-1 & IEC61558-1/-2-16
- 100-240VAC Universal Input
- Standby 5V / 2A
- On & Off Remote Control
- Efficiency up to 94%
- Over Voltage Category III (OVC III)
- Regulated Output With Low Ripple Noise
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Standby	Watt
ATM1000A5-F120	12.0V	80.00A	5V / 2A	970W
ATM1000A5-F240	24.0V	41.66A	5V / 2A	1010W
ATM1000A5-F480	48.0V	20.83A	5V / 2A	1010W
ATM1000A5-F540	54.0V	18.51A	5V / 2A	1010W
ATM1000A5-F560	56.0V	17.85A	5V / 2A	1010W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	10.0A-5.0A
Protection	Internal Primary Current Fuse

Derating Curve



Output

Load Regulation	±3% (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

Electrical

Topology	LLC
Dielectric Withstand	4,000VAC Primary - Secondary
Touch Current(Patient) Leakage Current	< 100μA
Earth Leakage Current	< 5mA
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

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	Cooling

Mechanical

Dimension	L 235 × W 140.5 × H 50 (mm) 9.26" x 5.54" x 1.99"
Weight	1,950g (Ref.)