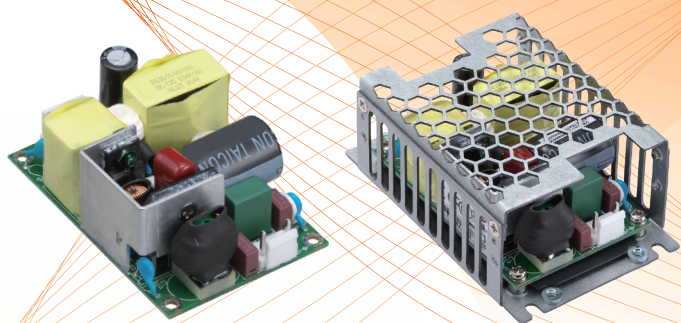




I.T.E.

Medical



Open Frame Power Supply 130 Watt Small Size Series

ATM130A5 - 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 3rd Edition
- Meet IEC60335-1 & IEC61558-1/-2-16
- 100-240VAC Universal Input
- 130W 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

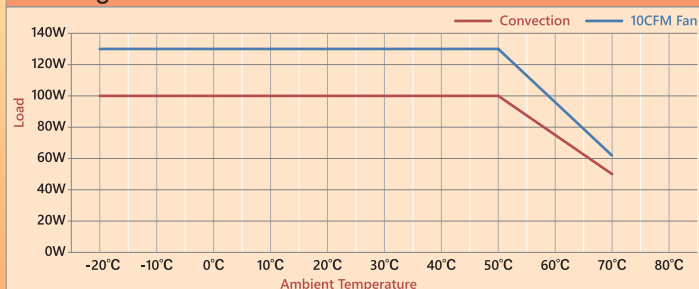
Model	O/P Voltage	O/P Current		Watt	
		Convection	With Fan*	Convection	With Fan*
ATM130A5-F120 ☐	12.0V	8.33A	10.83A	99.96W	129.96W
ATM130A5-F240 ☐	24.0V	4.17A	5.42A	100.10W	130.10W
ATM130A5-F480 ☐	48.0V	2.09A	2.71A	100.30W	130.10W
ATM130A5-F540 ☐	54.0V	1.86A	2.41A	100.40W	130.10W
ATM130A5-F560 ☐	56.0V	1.80A	2.33A	100.80W	130.50W

*With 10 CFM Fan

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.6A-0.7A.
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
Leakage Current	< 5mA
Touch Current(Patient) Leakage Current	< 100μA
Efficiency	Meet DoE Level VII, ErP Stage 2
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	100W with Convection Cooling 130W with Forced Cooling

Mechanical

Dimension	Open Type : L 76.2 × W 50.8 × H 28 (mm) 3" x 2" x 1.11"
	Enclosed Type : L 95 × W 62 × H 37 (mm) 3.74" x 2.45" x 1.46"
Weight	Open Type : 120g (Ref.)
	Enclosed Type : 210g (Ref.)