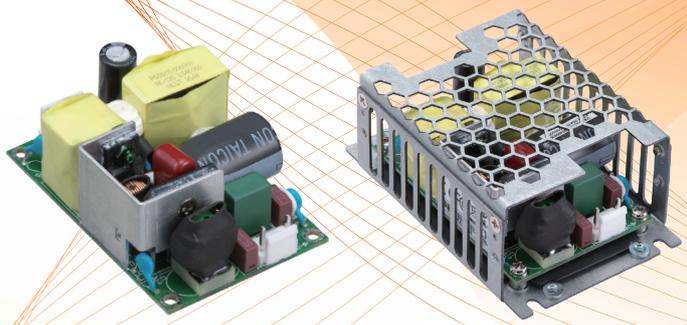


**NEW**

**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

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

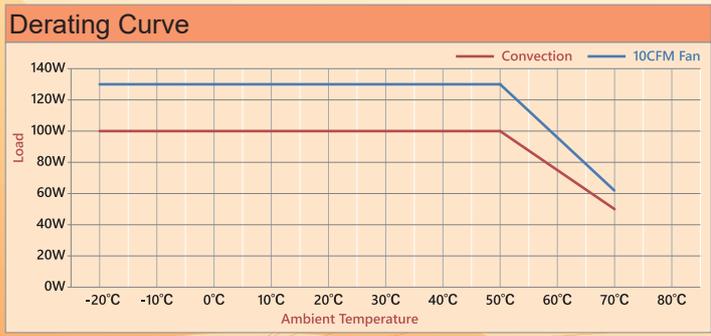
Model	O/P Voltage	O/P Current		Watt	
		Convection	With Fan*	Convection	With Fan*
ATM130A5-F120 <input type="checkbox"/>	12.0V	8.33A	10.83A	99.96W	129.96W
ATM130A5-F240 <input type="checkbox"/>	24.0V	4.17A	5.42A	100.10W	130.10W
ATM130A5-F480 <input type="checkbox"/>	48.0V	2.09A	2.71A	100.30W	130.10W
ATM130A5-F540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

\*With 10 CFM Fan

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

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.6A-0.7A.
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	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.)