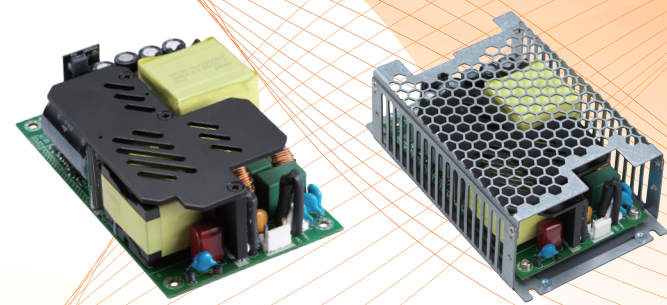


Open Frame Dual Output 600 Watt Series

ATM600A5 - 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
- 600W With Fan
- 12V / 0.6A Output for Fan
- Efficiency up to 95%
- Over Voltage Category III (OVC III)
- Regulated Output With Low Ripple Noise
- Modified and Custom Design Available
- 2 Years Warranty

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	7.0A-2.7A
Protection	Internal Primary Current Fuse

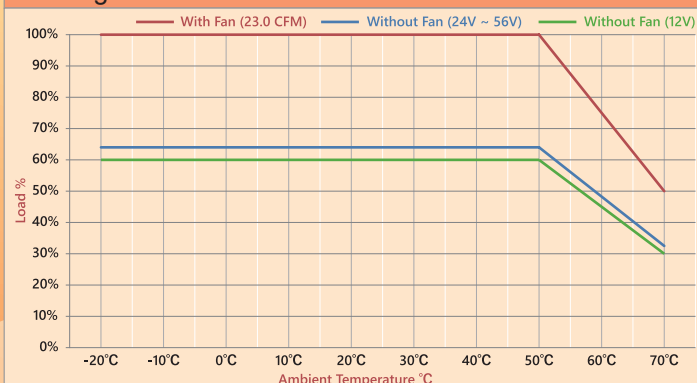
Output

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		O/P for Fan	Watt	
		Convection	With Fan*		Convection	With Fan*
ATM600A5-F120 ☐	12.0V	30.00A	50.00A	12V /0.6A	360W	600W
ATM600A5-F240 ☐	24.0V	16.70A	25.00A	12V /0.6A	400W	600W
ATM600A5-F480 ☐	48.0V	8.34A	12.50A	12V /0.6A	400W	600W
ATM600A5-F540 ☐	54.0V	7.41A	11.12A	12V /0.6A	400W	600W
ATM600A5-F560 ☐	56.0V	7.16A	10.73A	12V /0.6A	400W	600W

*With 23 CFM Fan

Derating Curve



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	400W (12V 360W) with Convection Cooling 600W with Forced Cooling

Mechanical

Dimension	Open Frame : L 127 × W 76 × H 41.6 (mm)
	5" x 3" x 1.64"
	Enclosed Type : L 146 × W 87.5 × H 48 (mm)
Weight	5.75" x 3.45" x 1.89"
	Open Frame : 468g (Ref.) Enclosed Type : 636g (Ref.)