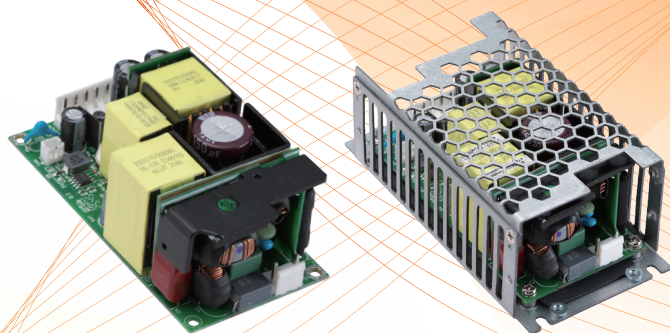




Open Frame Power Supply 300 Watt Small Size Series

ATM300A5 - F X X ☐ ☐

O / P Voltage
0 : Standard Version
1 : With Extra Function

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
- 300W With Fan
- Extra Function(Optional): 5V Standby / 12V Fan Power / Remote Control / DC Power Good / V-Trim / Remote Sense
- 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

Input

Voltage	100-240VAC
Line Frequency	47-63Hz
Current	2.5A-1A.
Protection	Internal Primary Current Fuse

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
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	200W with Convection Cooling 300W with Forced Cooling

Mechanical

Dimension	Open Type : L 101.6 × W 50.8 × H 38.1 (mm) 4" x 2" x 1.5"
	Enclosed Type : L 120.5 × W 59.8 × H 43.9 (mm) 4.75" x 2.36" x 1.73"
Weight	Open Type : 240g (Ref.)
	Enclosed Type : 356g (Ref.)

Model	O/P Voltage	O/P Current		O/P For Fan	Watt	
		Convection	With Fan*		Convection	With Fan*
ATM300A5-F12□□	12.0V	16.70A	25.00A	12V/0.5A	200.4W	300.0W
ATM300A5-F24□□	24.0V	8.40A	12.50A	12V/0.5A	201.6W	300.0W
ATM300A5-F36□□	36.0V	5.60A	8.40A	12V/0.5A	201.6W	302.4W
ATM300A5-F48□□	48.0V	4.20A	6.30A	12V/0.5A	201.6W	302.4W
ATM300A5-F54□□	54.0V	3.73A	5.60A	12V/0.5A	201.4W	302.4W
ATM300A5-F56□□	56.0V	3.60A	5.40A	12V/0.5A	201.6W	302.4W

*With 10 CFM Fan

Derating Curve

