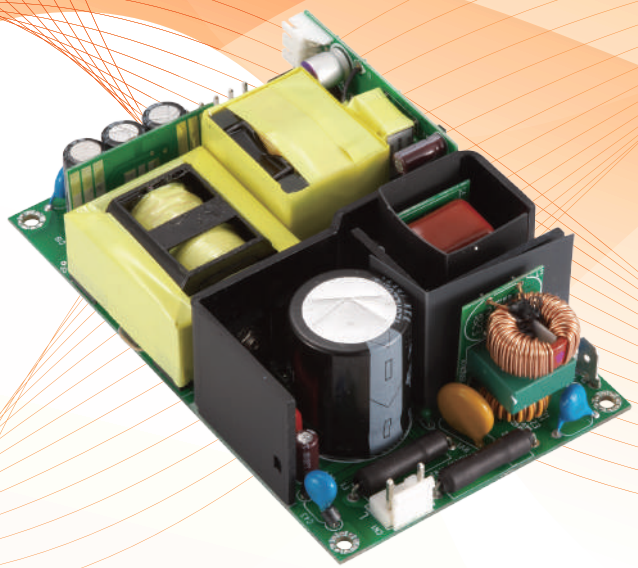
Level VI



IT / Medical
Open Frame Dual Output
305 Watt Series

ATM305T-F X X X

O / P Voltage

Green Mode
Meet CEC, DoE Level VI, ErP Stage 2
No Load Power Consumption Less Than 0.5W

Features :

- IEC/ANSI/AAMI ES60601-1 (Edition 3.1)
- Means of Protection : 2 X MOPP
- Touch Current : < 100μA
- IEC 60950-1
- 100-240VAC Universal Input
- 305W With Fan
- Standby 5V / 1A
- On & Off Remote Control
- Regulated Output With Low Ripple Noise
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current		Watt	
		Conve-ction	With Fan*	Conve-ction	With Fan*
ATM305T-F120	12V	16.0A	25.0A	197W	305W
	5V	1.0A			
ATM305T-F240	24V	10.4A	12.5A	255W	305W
	5V	1.0A			
ATM305T-F480	48V	5.2A	6.25A	255W	305W
	5V	1.0A			

*With 11 CFM Fan

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	3.6A-1.6A
Protection	Internal Primary Current Fuse

Output	
Load Regulation	±5% (Typical)
Ripple & Noise	1% Vp-p Max. for Output Voltage@ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection / Over Temperature Protection

Safety Approvals
CB / UL / cUL / FCC / CE

Electrical	
Topology	LLC
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100μA
MTBF	300,000 Calculated Hours at 25ºC , by Telcordia SR-332

Environmental	
Operating Temperature	0 to + 50ºC
Storage Temperature	-20 to + 80ºC
Relative Humidity	Operating : 20 to 80% RH
	Storage : 10 to 90% RH
Cooling	ATM305T-F120 : 197W With convection cooling
	ATM305T-F240 : 255W With convection cooling
	ATM305T-F480 : 255W With convection cooling
	305W With fan cooling

Mechanical	
Dimension	L 127 × W 76 × H 38 (mm)
	5" x 3" x 1.5"
Weight	350g (Ref.)

c UL us CB CE FC RoHS