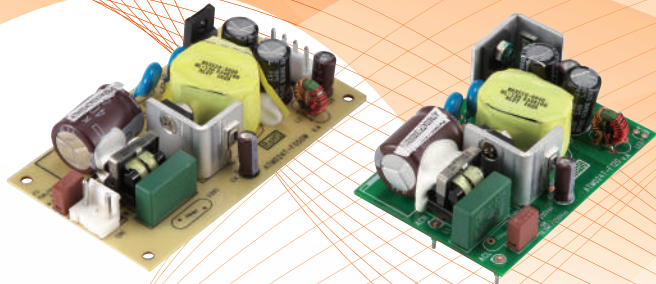


I.T.E. / Medical Open Frame Power Supply 12 / 24 Watt Series



Green Mode

Meet CEC, DoE Level VI, ErP Stage 2
No Load Power Consumption Less Than 0.075W

Features :

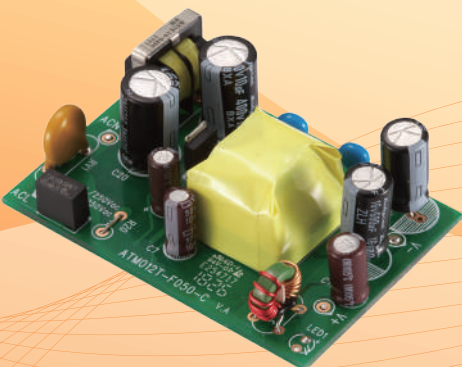
- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.1)
- EMC : IEC60601-1-2 : 2014 (Edition 4.0)
- Means of Protection: 2 X MOPP
- Touch Current : < 100µA
- IEC/UL 60950-1
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
ATM012T-F033	3.3V	2.5A	8.25W
ATM012T-F050	5.0V	2.0A	10.00W
ATM012T-F120	12.0V	1.0A	12.00W
ATM012T-F150	15.0V	0.8A	12.00W
ATM012T-F240	24.0V	0.5A	12.00W

Model	O/P Voltage	O/P Current	Watt
ATM024T-F033□	3.3V	4.5A	14.85W
ATM024T-F050□	5.0V	4.4A	22.00W
ATM024T-F120□	12.0V	2.0A	24.00W
ATM024T-F150□	15.0V	1.6A	24.00W
ATM024T-F240□	24.0V	1.0A	24.00W
ATM024T-F480□	48.0V	0.5A	24.00W

Input

Voltage	100-240 VAC
Line Frequency	50-60Hz
Current	12W : 0.29A-0.17A, 24W : 0.58A-0.32A
Protection	Internal Primary Current Fuse



ATM012T - F X X X

→ O / P Voltage

ATM024T - F X X X □

O / P Voltage ←

→ W : Wafer
Blank : 4 Industrial Pins

Output

Load Regulation	± 5% (Typical)
Ripple & Noise	2% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS min. @Full Load
Protection	Short Circuit Protection/ Over Voltage Protection/ Over Current Protection

Safety Approvals

CB / UL / cUL / FCC / CE / T-mark(TÜV)

Electrical

Topology	Switching Flyback
Dielectric Withstand	4,000 VAC Primary - Secondary
Touch Current	< 100µA
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

Environmental

Operating Temperature	0 to+50°C
Storage Temperature	-20 to+80°C
Relative Humidity	Operating: 20 to 80% RH Storage: 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical

Dimension	ATM012T-F: L65 x W45 x H24 (mm) 2.56"x1.77"x0.95"
	ATM024T-F: L70 x W48 x H26 (mm) 2.75"x1.89"x0.95"
	ATM024T-F: L89 x W50.8 x H24 (mm) (wafer) 3.5"x2"x0.95"
	Weight
Weight	ATM012T-F: 42g (Ref.) ATM024T-F: 58g (Ref.)