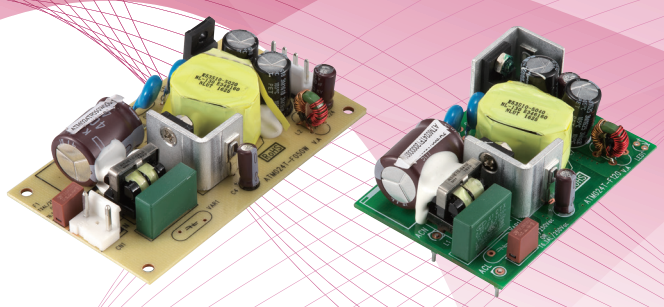
NEW

Level VI



IT / Medical
Open Frame Power Supply
12 / 24 Watt Series

ATM012T - F X X X

O / P Voltage

ATM024T - F X X X ☐

O / P Voltage

W : Wafer
Blank : 4 Industrial Pins

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

Features :

- ANSI/AAMI/IEC ES 60601-1:2012 (60601 edition 3.1)
- EMC : IEC60601-1-2 : 2014 (edition 4.0)
- Means of Protection: 2 X MOPP
- Touch Current : < 100μA
- Meet UL60950-1, EN60950
- 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	2.50A	8.25W
ATM012T-F050	5.0V	2.00A	10.00W
ATM012T-F120	12.0V	1.00A	12.00W
ATM012T-F150	15.0V	0.80A	12.00W
ATM012T-F240	24.0V	0.50A	12.00W

Model	O/P Voltage	O/P Current	Watt
ATM024T-F033☐	3.3V	4.50A	14.85W
ATM024T-F050☐	5.0V	4.40A	22.00W
ATM024T-F120☐	12.0V	2.00A	24.00W
ATM024T-F150☐	15.0V	1.60A	24.00W
ATM024T-F240☐	24.0V	1.00A	24.00W
ATM024T-F480☐	48.0V	0.50A	24.00W

Input	
Voltage	100 - 240 VAC
Line Frequency	50 - 60Hz
Current	12W : 0.29A-0.17A, 24W : 0.55A-0.3A
Protection	Internal Primary Current Fuse

Output	
Load Regulation	± 5% (Typical)
Ripple	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
IT : CB / UL / cUL / FCC / CE
Medical : UL / cUL / FCC / CE / T-mark(TUV)

Electrical	
Topology	Switching Flyback
Dielectric Withstand	4,000 VAC 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	Natural Convection Cooling

Mechanical	
Dimension	ATM012T-F: L65 x W45 x H24 (mm)
	2.56"x1.77"x0.95" (inch)
	ATM024T-F: L69.85 x W48 x H26 (mm)
	2.75"x1.89"x0.95" (inch)
	ATM024T-F: L88.97 x W50.8 x H24 (mm)
	(wafer) 3.5"x2"x0.95" (inch)
Weight	ATM012T-F: 36 g (Ref.)
	ATM024T-F: 58 g (Ref.)

c UL us LISTED I.T.E POWER SUPPLY 60JJ E225703

c TÜV us

TÜVRheinland EN 60601-1 IEC 60601-1

CB CE FC RoHS