

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

Features :

- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.2)
- EMC : IEC60601-1-2 (Edition 4.1)
- Means of Protection: 2 X MOPP
- IEC 62368-1
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Modified and Custom Design Available
- 2 Years Warranty

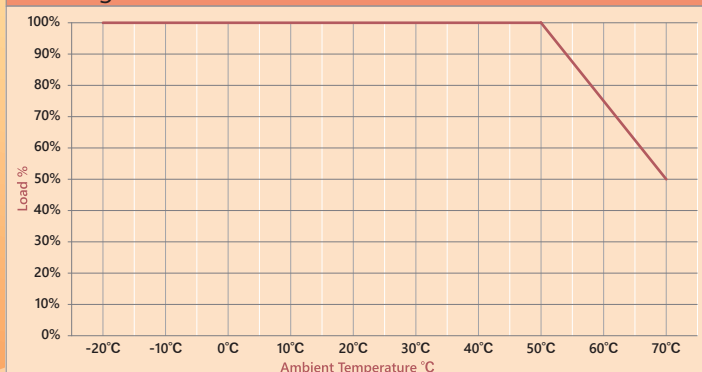
Model	O/P Voltage	O/P Current	Watt
ATM012T-F033	3.3V	2.5A	8.25W
ATM012T-F050	5.0V	2.0A	10.00W
ATM012T-F120	12.0V	1.0A	12.00W
ATM012T-F150	15.0V	0.8A	12.00W
ATM012T-F240	24.0V	0.5A	12.00W

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	ATM012T: 0.29A-0.17A ATM024T: 0.59A-0.32A
Protection	Internal Primary Current Fuse

Derating Curve



Output

Load Regulation	± 5% (Typical)
Ripple & Noise	≤ 2% 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

Electrical

Topology	Switching Flyback
Dielectric Withstand	4,000VAC Primary - Secondary
Touch Current(Patient) Leakage Current	< 100μA
Efficiency	Meet DoE Level VI, 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	Natural Convection Cooling

Mechanical

Dimension	ATM012T-F: L 65 x W 44.7 x H 24 (mm) 2.56" x 1.77" x 0.95"
	ATM024T-F: L 70 x W 48 x H 26 (mm) 2.75" x 1.89" x 0.95"
	ATM024T-F: L 89 x W 51 x H 24 (mm) (wafer) 3.5" x 2" x 0.95"
Weight	ATM012T : 42g (Ref.)
	ATM024T : 58g (Ref.)

