

# 24 / 36 Watt Series

Wall Mount Type  
USA / Europe / UK / AC Plug Changeable

ATM024T - W X X X

O / P Voltage ←   
 → U : US Plug  
 E : EU Plug  
 B : UK Plug  
 V : Changeable Plug

ATM036A4 - W X X X

O / P Voltage ←   
 → U : US Plug  
 E : EU Plug  
 B : UK Plug  
 V : Changeable Plug

### Features :

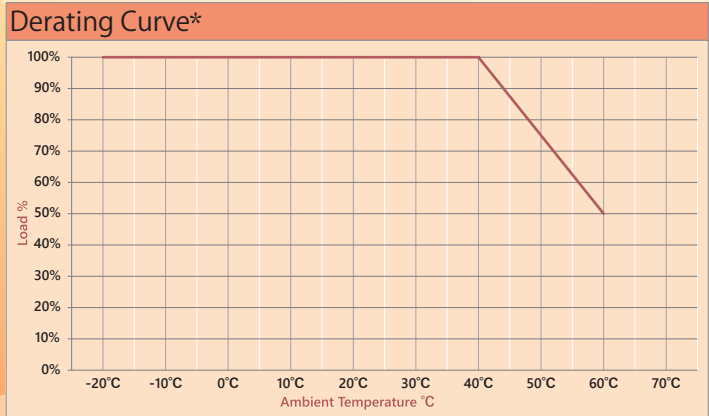
- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.2)
- EMC : IEC60601-1-2 (Edition 4.1)
- Means of Protection: 2 X MOPP
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 2 Years Warranty

Model	O/P Voltage	O/P Current	Watt
ATM024T-W050 <input type="checkbox"/>	5.0V	4.0A	20.0W
ATM024T-W090 <input type="checkbox"/>	9.0V	2.5A	22.5W
ATM024T-W120 <input type="checkbox"/>	12.0V	2.0A	24.0W
ATM024T-W150 <input type="checkbox"/>	15.0V	1.6A	24.0W
ATM024T-W240 <input type="checkbox"/>	24.0V	1.0A	24.0W
ATM024T-W480 <input type="checkbox"/>	48.0V	0.5A	24.0W
Model	O/P Voltage	O/P Current	Watt
ATM036A4-W050 <input type="checkbox"/>	5.0V	5.0A	25.0W
ATM036A4-W090 <input type="checkbox"/>	9.0V	4.0A	36.0W
ATM036A4-W120 <input type="checkbox"/>	12.0V	3.0A	36.0W
ATM036A4-W150 <input type="checkbox"/>	15.0V	2.4A	36.0W
ATM036A4-W240 <input type="checkbox"/>	24.0V	1.5A	36.0W

Output	
Load Regulation	±5% (Typical)
Ripple & Noise	≤ 2% Vp-p @ Full Load
Transient(Dynamic) Response	0.5mS with 50% Load Change
Start-up Time	< 3,000mS
Hold-up Time	≥ 10mS @ Full Load
Rise Time	< 50mS
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	ATM024T : 0.58A-0.32A ATM036A4 : 1A-0.4A
Protection	Internal Primary Current Fuse
Configuration	U for US Plug      B for UK Plug E for EU Plug V for Changeable Plug

Electrical	
Topology	Switching Flyback
Dielectric Withstand	4,000VAC Primary - Secondary
Touch Current (Patient) Leakage Current	< 100µA
Efficiency	Meet DoE Level VI, ErP Stage 2, CoC Tier 2
EMC Standards	EN55011
	EN61000-3-2,3
	EN61000-4-2,3,4,5,6,8,11
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332



Environmental	
Operating Temperature	-20 to + 40°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	
Case Dimension	U - L 80.2 × W 46 × H 57.5(mm)
	E - L 80.2 × W 46 × H 68.7(mm)
	B - L 80.2 × W 49.6 × H 62.7(mm)
	V - L 80.2 × W 46 × H 40.5(mm)
Weight	U : 140g E : 145g B : 148g V : 140g (Ref.)

\*For ATM012T, ATM012A4, ATM024T and ATM036A4