

# 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 ←

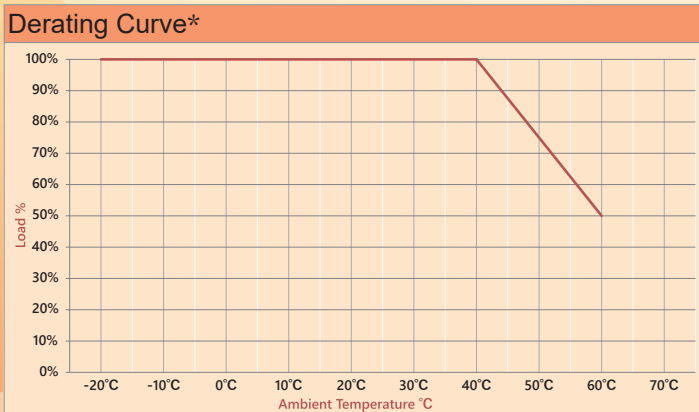
U : US Plug  
E : EU Plug  
B : UK Plug  
V : Changeable Plug

## 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□  | 5.0V        | 4.0A        | 20.0W |
| ATM024T-W090□  | 9.0V        | 2.5A        | 22.5W |
| ATM024T-W120□  | 12.0V       | 2.0A        | 24.0W |
| ATM024T-W150□  | 15.0V       | 1.6A        | 24.0W |
| ATM024T-W240□  | 24.0V       | 1.0A        | 24.0W |
| ATM024T-W480□  | 48.0V       | 0.5A        | 24.0W |
| Model          | O/P Voltage | O/P Current | Watt  |
| ATM036A4-W050□ | 5.0V        | 5.0A        | 25.0W |
| ATM036A4-W090□ | 9.0V        | 4.0A        | 36.0W |
| ATM036A4-W120□ | 12.0V       | 3.0A        | 36.0W |
| ATM036A4-W150□ | 15.0V       | 2.4A        | 36.0W |
| ATM036A4-W240□ | 24.0V       | 1.5A        | 36.0W |

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



\*For ATM012T, ATM012A4, ATM024T and ATM036A4

## 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 |

## 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<br>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.)                  |