



## 36 Watt Series

Desktop Type

ATS036T - ☐ X X X

P : C14

A : C8

O / P Voltage



### Features :

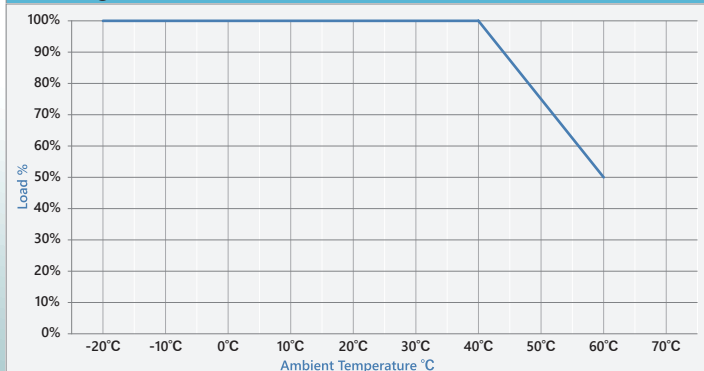
- IEC/EN/UL 62368-1 3rd Edition
- 100-240VAC Universal Input
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

| Model        | O/P Voltage | O/P Current | Watt |
|--------------|-------------|-------------|------|
| ATS036T-□050 | 5.0V        | 5.00A       | 25W  |
| ATS036T-□075 | 7.5V        | 4.00A       | 30W  |
| ATS036T-□085 | 8.5V        | 3.52A       | 30W  |
| ATS036T-□090 | 9.0V        | 3.34A       | 30W  |
| ATS036T-□120 | 12.0V       | 3.00A       | 36W  |
| ATS036T-□121 | 12.0V       | 2.50A       | 30W  |
| ATS036T-□135 | 13.5V       | 2.66A       | 36W  |
| ATS036T-□150 | 15.0V       | 2.40A       | 36W  |
| ATS036T-□160 | 16.0V       | 2.25A       | 36W  |
| ATS036T-□180 | 18.0V       | 2.00A       | 36W  |
| ATS036T-□240 | 24.0V       | 1.50A       | 36W  |
| ATS036T-□480 | 48.0V       | 0.75A       | 36W  |

### Input

|                |                               |
|----------------|-------------------------------|
| Voltage        | 100-240VAC                    |
| Line Frequency | 50-60Hz                       |
| Current        | 1A Max.                       |
| Protection     | Internal Primary Current Fuse |
| Configuration  | IEC60320/C8,C14               |

### Derating Curve



### 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 | 3,000VAC Primary - Secondary                           |
| Leakage Current      | < 0.25mA @ 2Pin / < 5mA @ 3Pin                         |
| Efficiency           | DoE Level VI, ErP Stage 2, CoC Tier 2                  |
| EMC Standards        | EN55032                                                |
|                      | EN61000-3-2,3                                          |
|                      | EN55035                                                |
| 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    | 2,000M                     |
| Relative Humidity     | Operating : 20 to 80% RH   |
|                       | Storage : 10 to 90% RH     |
| Cooling               | Natural Convection Cooling |

### Mechanical

|                |                                |
|----------------|--------------------------------|
| Case Dimension | C14 - L 100 x W 50 x H 33 (mm) |
|                | C8 - L 99 x W 50 x H 33 (mm)   |
| Weight         | 210g (Ref.)                    |