



## 36 Watt Series

Desktop Type

ATS036T - □ X X X

P : C14  
A : C8

O / P Voltage

### Green Mode

CEC, DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCAN & GEMS Level VI

No Load Power Consumption Less Than 0.075W

### Features :

- 100-240VAC Universal Input
- Single Output to 36W
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Private Label Marking Available
- 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               |

### 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 @ Full Load   |
| Protection         | Short Circuit Protection / Over Voltage Protection / Over Current Protection |
| DC Cord            | 22AWG / 20AWG / 18AWG / 16AWG  |
| Ferrite Core       | No (Optional)  |

### Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM / LPS

### Electrical

|                            |   |
|----------------------------|---|
| Topology                   | Switching Flyback   |
| Dielectric Withstand       | 3000VAC Primary - Secondary   |
| Leakage Current            | 0.25mA  |
| Efficiency                 | DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCAN & GEMS Level VI Certified |
| EMI Conduction & Radiation | Compliance to EN55022 Class B   |
| Harmonic Current           | Compliance to EN61000-3-2,3   |
| EMS Immunity               | Compliance to IEC61000-4-2,3,4,5,6,8,11   |
| MTBF                       | 300,000 Calculated Hours at 25°C , by Telcordia SR-332                              |

### Environmental

|                       |  |
|-----------------------|--|
| Operating Temperature | 0 to + 40°C  |
| Storage Temperature   | -20 to + 80°C                                      |
| Relative Humidity     | Operating : 20 to 80% RH<br>Storage : 10 to 90% RH |
| Cooling               | Natural Convection Cooling                         |

### Mechanical

|                |   |
|----------------|---|
| Case Dimension | P - L 100 x W 50 x H 33 (mm)<br>A - L 99 x W 50 x H 33 (mm) |
| Weight         | 160g (Ref.)   |