



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 IEC55032 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 Storage : 10 to 90% RH |
| Cooling | Natural Convection Cooling |

Mechanical

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