



24 Watt Series

Desktop Type

ATS024T - □ X X X

P : C6 / C14 ← O / P Voltage
A : C8

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 24W
- 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 |
|--------------|-------------|-------------|--------|
| ATS024T-□050 | 5.0V | 4.00A | 20.00W |
| ATS024T-□060 | 5.9V | 3.50A | 20.65W |
| ATS024T-□061 | 5.9V | 4.00A | 23.60W |
| ATS024T-□070 | 7.0V | 3.00A | 21.00W |
| ATS024T-□075 | 7.5V | 3.00A | 22.50W |
| ATS024T-□090 | 9.0V | 2.50A | 22.50W |
| ATS024T-□120 | 12.0V | 2.00A | 24.00W |
| ATS024T-□150 | 15.0V | 1.60A | 24.00W |
| ATS024T-□240 | 24.0V | 1.00A | 24.00W |
| ATS024T-□480 | 48.0V | 0.50A | 24.00W |

Input

| | |
|----------------|-------------------------------|
| Voltage | 100-240VAC |
| Line Frequency | 50-60Hz |
| Current | 0.58A Max. |
| Protection | Internal Primary Current Fuse |
| Configuration | IEC60320/C6,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

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|----------------------------|-------------------------------------------------------------------------------------|
| 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 : L100 x W50 x H33 (mm) A : L88 x W50 x H34 (mm) |
| Weight | 166g (Ref.) |