

# 18 Watt - Series

Desktop Type



ATS018T - □ 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 18W
- 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   |
|--------------|-------------|-------------|--------|
| ATS018T-□050 | 5.0V        | 3.00A       | 15.00W |
| ATS018T-□060 | 5.9V        | 2.50A       | 14.75W |
| ATS018T-□061 | 5.9V        | 3.00A       | 17.70W |
| ATS018T-□070 | 7.0V        | 2.50A       | 17.50W |
| ATS018T-□075 | 7.5V        | 2.50A       | 18.75W |
| ATS018T-□090 | 9.0V        | 2.20A       | 19.80W |
| ATS018T-□100 | 10.0V       | 1.90A       | 19.00W |
| ATS018T-□110 | 11.0V       | 1.60A       | 17.60W |
| ATS018T-□120 | 12.0V       | 1.60A       | 19.20W |
| ATS018T-□150 | 15.0V       | 1.30A       | 19.50W |
| ATS018T-□160 | 16.0V       | 1.20A       | 19.20W |
| ATS018T-□180 | 18.0V       | 1.10A       | 19.80W |
| ATS018T-□240 | 24.0V       | 0.80A       | 19.20W |

## Input

|                |                               |
|----------------|-------------------------------|
| Voltage        | 100-240VAC                    |
| Line Frequency | 50-60Hz                       |
| Current        | 0.48A 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  |
| Ferrite Core       | No (Optional)  |

## Safety Approvals

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

## Electrical

|                            |   |
|----------------------------|---|
| Topology                   | Switching Flyback   |
| Dielectric Withstand       | 3,000 VAC 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 EN61000-4-2,3,4,5,6,8,11  |
| 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 : L100 x W50 x H33 (mm)<br>A : L88 x W50 x H34 (mm) |
| Weight         | 144g (Ref.)   |