

# 18 Watt - Series

Desktop Type



ATS018T - □ X X X

P : C6 / C14 ← O / P Voltage  
A : C8

## Features :

- IEC/EN/UL 62368-1
- 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   |
|--------------|-------------|-------------|--------|
| ATS018T-□050 | 5.0V        | 3.0A        | 15.00W |
| ATS018T-□060 | 5.9V        | 2.5A        | 14.75W |
| ATS018T-□061 | 5.9V        | 3.0A        | 17.70W |
| ATS018T-□070 | 7.0V        | 2.5A        | 17.50W |
| ATS018T-□075 | 7.5V        | 2.5A        | 18.75W |
| ATS018T-□090 | 9.0V        | 2.2A        | 19.80W |
| ATS018T-□100 | 10.0V       | 1.9A        | 19.00W |
| ATS018T-□110 | 11.0V       | 1.6A        | 17.60W |
| ATS018T-□120 | 12.0V       | 1.6A        | 19.20W |
| ATS018T-□150 | 15.0V       | 1.3A        | 19.50W |
| ATS018T-□160 | 16.0V       | 1.2A        | 19.20W |
| ATS018T-□180 | 18.0V       | 1.1A        | 19.80W |
| ATS018T-□240 | 24.0V       | 0.8A        | 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 & Noise     | 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 |

## Electrical

|                      |   |
|----------------------|---|
| Topology             | Switching Flyback                                     |
| Dielectric Withstand | 3000VAC Primary - Secondary                           |
| Leakage Current      | 0.25mA @ 2Pin / 3.5mA @ 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              |
| Relative Humidity     | Operating : 20 to 80% RH   |
|                       | Storage : 10 to 90% RH     |
| Cooling               | Natural Convection Cooling |

## Mechanical

|                |                                 |
|----------------|---------------------------------|
| Case Dimension | C6 & C14 : L100 x W50 x H33(mm) |
|                | C8 : L88 x W50 x H34(mm)        |
| Weight         | 144g (Ref.)                     |

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