



# 18 Watt Series

**Level VI**

Wall Mount Type  
USA / Japan / Taiwan / Europe / UK / Australia / China / AC Plug Changeable

ATS018T - W X X X □

O / P Voltage ←

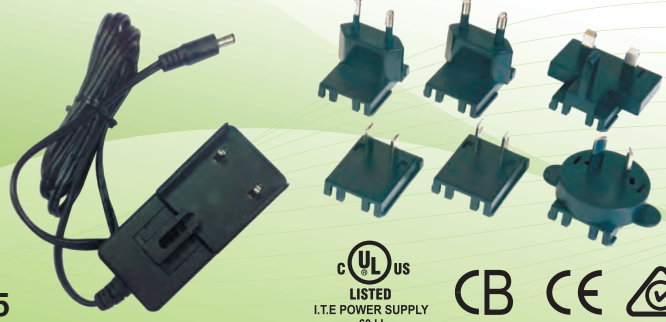
U : US Plug / JP Plug  
E : EU Plug  
B : UK Plug  
A : AU Plug  
C : CN Plug  
V : Changeable Plug

**Green Mode**  
CEC , DoE Level VI , Energy Star , ErP Stage 2 , NRCan & GEMS Level VI  
NO Load Power Consumption Less Than 0.1W

- 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-W050□ | 5.0V        | 3.0A        | 15.00W |
| ATS018T-W060□ | 5.9V        | 2.5A        | 14.75W |
| ATS018T-W061□ | 5.9V        | 3.0A        | 17.70W |
| ATS018T-W070□ | 7.0V        | 2.5A        | 17.50W |
| ATS018T-W075□ | 7.5V        | 2.5A        | 18.75W |
| ATS018T-W090□ | 9.0V        | 2.2A        | 19.80W |
| ATS018T-W100□ | 10.0V       | 1.9A        | 19.00W |
| ATS018T-W110□ | 11.0V       | 1.6A        | 17.60W |
| ATS018T-W120□ | 12.0V       | 1.6A        | 19.20W |
| ATS018T-W150□ | 15.0V       | 1.3A        | 19.50W |
| ATS018T-W160□ | 16.0V       | 1.2A        | 19.20W |
| ATS018T-W180□ | 18.0V       | 1.1A        | 19.80W |
| ATS018T-W240□ | 24.0V       | 0.8A        | 19.20W |

| Input          |  |
|----------------|--|
| Voltage        | 100-240VAC   |
| Line Frequency | 50-60Hz  |
| Current        | 0.48A Max.   |
| Protection     | Internal Primary Current Fuse , Inrush Limiting  |
| Configuration  | U for US Plug / JP Plug    A for AU Plug<br>E for EU Plug                    C for CN Plug<br>B for UK Plug<br>V for Changeable Plug |



| Output             |  |
|--------------------|--|
| Load Regulation    | ±5% ( Typical )  |
| Ripple             | 1 ~ 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**  
For USA- CB / UL / cUL / FCC / PSE / BSMI / LPS  
For Europe & UK - CB / CE / LPS  
For Australia - CB / RCM / LPS  
For China - CB / CCC / LPS

| Electrical                 |   |
|----------------------------|---|
| Topology                   | Switching Flyback   |
| Dielectric Withstand       | 3000VAC Primary - Secondary   |
| Leakage Current            | 0.25mA  |
| Efficiency                 | DoE Level VI, Energy Star, ErP Stage 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 | U & C - L 72 x W 34 x H 69 (mm)<br>E - H 72 x W 34 x H 90 (mm)<br>B - L 72 x W 50 x H 81 (mm)<br>A - L 72 x W 40 x H 78 (mm)<br>V - L 78 x W 52 x H 41 (mm) |
| Weight         | U : 148g                    A : 150g<br>E : 154g                    C : 148g<br>V : 158g (Ref.)        B : 158g   |