



12 Watt Series

Wall Mount Type
USA / Japan / Taiwan / Europe / UK /
Australia / China

ATS012T - W X X X □

O / P Voltage ←

→ U : US Plug / JP Plug
E : EU Plug
B : UK Plug
A : AU Plug

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 :

- IEC/EN/UL 62368-1 & 60950-1
- 100-240VAC Universal Input
- Single Output to 12W
- 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 |
|---------------|-------------|-------------|--------|
| ATS012T-W033□ | 3.3V | 2.00A | 6.60W |
| ATS012T-W050□ | 5.0V | 2.00A | 10.00W |
| ATS012T-W051□ | 5.0V | 2.50A | 12.50W |
| ATS012T-W060□ | 5.9V | 2.00A | 11.80W |
| ATS012T-W084□ | 8.4V | 1.30A | 10.92W |
| ATS012T-W090□ | 9.0V | 1.20A | 10.80W |
| ATS012T-W120□ | 12.0V | 1.00A | 12.00W |
| ATS012T-W135□ | 13.5V | 0.89A | 12.00W |
| ATS012T-W150□ | 15.0V | 0.80A | 12.00W |
| ATS012T-W180□ | 18.0V | 0.67A | 12.00W |
| ATS012T-W240□ | 24.0V | 0.50A | 12.00W |

Input

| | |
|----------------|--|
| Voltage | 100-240VAC |
| Line Frequency | 50-60Hz |
| Current | 0.31A Max. |
| Protection | Internal Primary Current Fuse |
| Configuration | U for US Plug / JP Plug E for EU Plug B for UK Plug A for AU Plug |

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 |
| DC Cord | 22AWG / 20AWG / 18AWG |
| Ferrite Core | Yes |

Safety Approvals

For USA - CB / UL / cUL / FCC / PSE / BSMI / LPS

For Europe & UK - CB / CE / GS / 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 Certified |
| EMC Standards | EN55032 EN61000-3-2,3 EN55024 |
| 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 | U - L 72 × W 34 × H 59 (mm) E - L 72 × W 34 × H 80 (mm) B - L 72 × W 50 × H 71 (mm) A - L 72 × W 40 × H 68 (mm) |
| Weight | U : 126g B : 130g E : 128g A : 126g (Ref.) |

