



12 Watt Series

Wall Mount Type
AC Plug Changeable

ATM012T - W X X X V

O / P Voltage ← V : Changeable 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 |
|----------------|-------------|-------------|--------|
| ATM012T-W033V | 3.3V | 2.00A | 6.60W |
| ATM012T-W050V | 5.0V | 2.00A | 10.00W |
| ATM012T-W050□U | 5.0V | 2.00A | 10.00W |
| ATM012T-W051V | 5.0V | 3.00A | 15.00W |
| ATM012T-W060V | 5.9V | 2.00A | 11.80W |
| ATM012T-W062V | 6.2V | 2.00A | 12.40W |
| ATM012T-W090V | 9.0V | 1.20A | 10.80W |
| ATM012T-W120V | 12.0V | 1.00A | 12.00W |
| ATM012T-W150V | 15.0V | 0.80A | 12.00W |
| ATM012T-W180V | 18.0V | 0.67A | 12.06W |
| ATM012T-W240V | 24.0V | 0.50A | 12.00W |

※ Add suffix □ "U" with USB port

※ □ = U/E/B/A/C/V

U : US Plug / JP Plug

E : EU Plug

B : UK Plug

A : AU Plug

C : CN Plug

V : Changeable Plug

Input

| | |
|----------------|-------------------------------|
| Voltage | 100-240VAC |
| Line Frequency | 50-60Hz |
| Current | 0.32A-0.19A |
| Protection | Internal Primary Current Fuse |

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 | 24AWG / 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 | 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 80.2 × W 46 × H 57.5(mm) |
| | E - L 80.2 × W 46 × H 68.7(mm) |
| | B - L 80.2 × W 49.6 × H 62.7(mm) |
| | A - L 80.2 × W 56 × H 57.5(mm) |
| | C - L 80.2 × W 46 × H 57.5(mm) |
| Weight | V - L 80.2 × W 46 × H 40.5(mm) |
| | U : 140g E : 145g B : 148g |
| | A : 144g C : 140g V : 140g(Ref.) |

