



12 Watt Medical Series

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

ATM012T - W X X X □

O/P Voltage ←

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

Green Mode

Meet CEC, DoE Level VI, Energy Star, ErP Stage 2, CoC Tier 2, NRCAN & GEMS
No Load Power Consumption Less Than 0.075W

Features :

- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.1)
- EMC : IEC60601-1-2 : 2014 (Edition 4.0)
- IEC/EN/UL 62368-1 & 60950-1
- Means of Protection: 2 X MOPP
- Touch Current : < 100µA
- 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
- 2 Years Warranty

| Model | O/P Voltage | O/P Current | Watt |
|----------------|-------------|-------------|--------|
| ATM012T-W033□ | 3.3V | 2.00A | 6.60W |
| ATM012T-W050□ | 5.0V | 2.00A | 10.00W |
| ATM012T-W050□U | 5.0V | 2.00A | 10.00W |
| ATM012T-W051□ | 5.0V | 3.00A | 15.00W |
| ATM012T-W060□ | 5.9V | 2.00A | 11.80W |
| ATM012T-W062□ | 6.2V | 2.00A | 12.40W |
| ATM012T-W090□ | 9.0V | 1.20A | 10.80W |
| ATM012T-W120□ | 12.0V | 1.00A | 12.00W |
| ATM012T-W150□ | 15.0V | 0.80A | 12.00W |
| ATM012T-W180□ | 18.0V | 0.67A | 12.06W |
| ATM012T-W240□ | 24.0V | 0.50A | 12.00W |

*Add suffix □"U" with USB port

Input

| | |
|----------------|-------------------------------|
| Voltage | 100-240VAC |
| Line Frequency | 50-60Hz |
| Current | 0.32A-0.19A |
| Protection | Internal Primary Current Fuse |
| Configuration | U for US Plug |
| | E for EU Plug |
| | B for UK Plug |
| | A for AU Plug |
| | C for CN Plug |
| | V for Changeable 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 | 24AWG / 22AWG / 20AWG / 18AWG |
| Ferrite Core | No (Optional) |

Safety Approvals

For USA - CB / UL / cUL / FCC / PSE / BSMI
For Europe & UK - CB / T-mark(TÜV) / CE
For Australia - CB / RCM
For China - CB / CCC

Electrical

| | |
|----------------------|--------------------------------------------------------|
| Topology | Switching Flyback |
| Dielectric Withstand | 4000VAC Primary - Secondary |
| Touch Current | < 100µA |
| Efficiency | Meet DoE Level VI |
| EMC Standards | EN55011 |
| | EN61000-3-2,3 |
| | 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 |
| | 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 | U : 140g E : 145g B : 148g |
| | A : 144g C : 140g V : 140g(Ref.) |