



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)
	V - L 80.2 × W 46 × H 40.5(mm)
Weight	U : 140g E : 145g B : 148g
	A : 144g C : 140g V : 140g(Ref.)