

Medical Power Supply

12 Watt Medical Series | Wall Mount Type

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
 - Modified and Custom Design Available
 - 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



Model

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

ATM012T-**WXXX**□

O/P Voltage ←

- U : US 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	
Protetction	Internal Primary Current Fuse	
Configuration	U for US Plug B for UK Plug C for CN Plug	E for EU Plug A for AU Plug V for Changeable Plug

ATM012T-W Series

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% RH
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.)