

**NEW**

**Level VI**

**CoC Tier 2**



# 24 Watt Medical Series

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

**ATM024T - 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 62368-1 & 60950-1
  - Means of Protection: 2 X MOPP
  - Touch Current : < 100µA
  - 100-240VAC Universal Input
  - Single Output to 24W
  - 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

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	No (Optional)

**Safety Approvals**  
For USA - CB / UL / cUL / FCC / PSE / BSMI  
For Europe & UK - CB / TÜV SÜD Mark / CE

Model	O/P Voltage	O/P Current	Watt
ATM024T-W050□	5.0V	4.00A	20.00W
ATM024T-W090□	9.0V	2.50A	22.50W
ATM024T-W120□	12.0V	2.00A	24.00W
ATM024T-W150□	15.0V	1.60A	24.00W
ATM024T-W240□	24.0V	1.00A	24.00W
ATM024T-W480□	48.0V	0.50A	24.00W

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

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.58A-0.32A
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

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 : 136g E : 140g B : 142g
	A : 138g C : 136g V : 138g(Ref.)

