

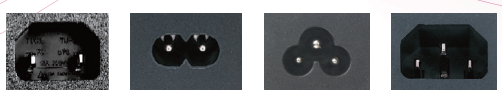


90 Watt Medical Series

Desktop Type

ATM090T - □ X X X

P : C6 / C14 ← O / P Voltage
 A : C8 / C18 →



Green Mode
 Meet CEC , DoE Level VI, Energy Star, ErP Stage 2
 No Load Power Consumption Less Than 0.15W

- Features :**
- ANSI/AAMI/IEC/EN ES60601-1:2012 (60601 edition 3.1)
 - EMC : IEC60601-1-2 : 2014 (edition 4.0)
 - IEC 60950 approval
 - Means of Protection: 2 X MOPP
 - Touch Current : < 100µA
 - 100-240VAC Universal Input
 - Single Output to 90W
 - 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	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 / Over Temperature Protection
DC Cord	18AWG / 16AWG / 14AWG
Ferrite Core	Yes

Safety Approvals
 CB / UL / cUL / FCC / CE / T-mark(TUV) / PSE

Electrical	
Topology	Switching Flyback
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100µA
Efficiency	DoE Level VI, Energy Star, ErP Stage 2 Certified
EMI Conduction & Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2, 3
EMS Immunity	Compliance to IEC60601-1-2
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Model	O/P Voltage	O/P Current	Watt
ATM090T-□120	12.0V	7.00A	84W
ATM090T-□150	15.0V	6.00A	90W
ATM090T-□180	18.0V	5.00A	90W
ATM090T-□190	19.0V	4.74A	90W
ATM090T-□240	24.0V	3.75A	90W
ATM090T-□480	48.0V	1.88A	90W

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

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	1.2A-0.5A
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6,C8,C14, C18

Mechanical	
Case Dimension	Class I : L 160 × W 64 × H 35 (mm) Class II : L 151 × W 64 × H 35 (mm)
Weight	Class I : 460g Class II : 450g