



250 Watt Medical Series

Desktop Type

ATM250T - □ X X X

P: C14 ← → O/P Voltage
A: C18



Green Mode

Meet CEC, DoE Level VI, Energy Star, ErP Stage 2
No Load Power Consumption Less Than 0.21W

Features

- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.1)
- EMC : IEC60601-1-2 : 2014 (Edition 4.0)
- IEC 60950-1
- Means of Protection: 2 X MOPP
- Touch Current : < 100µA
- 100-240VAC Universal Input
- Single Output to 250W
- 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
ATM250T-□120	12.0V	20.00A	240W
ATM250T-□150	15.0V	16.66A	250W
ATM250T-□190	19.0V	13.15A	250W
ATM250T-□240	24.0V	10.40A	250W
ATM250T-□480	48.0V	5.21A	250W

Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	3.3A-1.3A
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C14,C18

Output

Load Regulation	±5% (Typical)
Ripple & Noise	1% 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	UL 2464 / UL 2095
Ferrite Core	Yes

Safety Approvals

CB / UL / cUL / FCC / CE / TÜV SÜD Mark / PSE

Electrical

Topology	LLC
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	L 204 × W 94 × H 43.5 (mm)
Weight	1145g (Ref.)