

NEW

Level VI

GaN FET Technology 200 Watt Medical Series

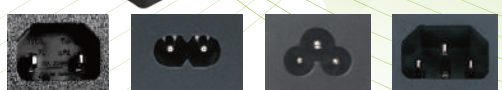
Small Size Desktop Type

ATM200TS - □ X X X

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



2.4X Smaller!



Green Mode
CEC, DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI
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)
 - 100-240 VAC Universal Input
 - Gallium Nitride Based Design
 - High Power Density : 11W / in³
240% higher than traditional adapter (4.6W / in³)
 - With 250kHz Switching Frequency
 - Means of Protection: 2 X MOPP
 - Touch Current : < 100µA
 - Efficiency up to 95%
 - Single Output to 200W
 - Regulated Output with Low Ripple Noise
 - Modified and Custom Design Available
 - 2 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATM200TS-□120	12.0V	16.0A	192W
ATM200TS-□150	15.0V	13.0A	195W
ATM200TS-□180	18.0V	11.1A	200W
ATM200TS-□190	19.0V	10.5A	200W
ATM200TS-□240	24.0V	8.3A	200W
ATM200TS-□480	48.0V	4.2A	200W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	2.4-1.1A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C6, C8, C14

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 2095 / UL 2464 / 16AWG / 18AWG
Ferrite Core	Yes

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

Electrical	
Topology	LLC
Dielectric Withstand	4000VAC Primary - Secondary
Touch Current	< 100µA
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 166 × W 54 × H 33 (mm)
Weight	560g (Ref.)