

NEW

Level VI

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 |

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 | 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 |

| 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 |

Input

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