



120 Watt Medical Series

Desktop Type

ATM120T - □ X X X

P : C6 / C14
A : C8 / C18

→ O / P Voltage



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 approval
- Means of Protection: 2 X MOPP
- Touch Current : < 100µA
- 100-240VAC Universal Input
- Single Output to 120W
- 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 |
|--------------|-------------|-------------|------|
| ATM120T-□120 | 12.0V | 9.00A | 108W |
| ATM120T-□150 | 15.0V | 8.00A | 120W |
| ATM120T-□180 | 18.0V | 6.67A | 120W |
| ATM120T-□190 | 19.0V | 6.32A | 120W |
| ATM120T-□200 | 20.0V | 6.00A | 120W |
| ATM120T-□240 | 24.0V | 5.00A | 120W |
| ATM120T-□480 | 48.0V | 2.50A | 120W |

Input

| | |
|----------------|-------------------------------|
| Voltage | 100-240VAC |
| Line Frequency | 50-60Hz |
| Current | 1.5A-0.7A |
| Protection | Internal Primary Current Fuse |
| Configuration | IEC60320/C6, C8, 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 | 18AWG / 16AWG / 14AWG |
| Ferrite Core | Yes |

Safety Approvals

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

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 |

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 168 × W 66 × H 39 (mm) |
| Weight | 590g (Ref.) |