



IT / Medical Open Frame Power Supply 65 Watt Series

ATM065T-F X X X

→ O / P Voltage

Green Mode

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

Features :

- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.1)
- EMC : IEC60601-1-2 : 2014 (Edition 4.0)
- Means of Protection: 2 X MOPP
- Touch Current : < 100μA
- Meet IEC/EN/UL 60950-1
- 100-240VAC Universal Input
- Single Output to 65W
- Regulated Output With Low Ripple Noise
- Modified and Custom Design Available
- 2 Years Warranty

| Model | O/P Voltage | O/P Current | Watt |
|--------------|-------------|-------------|------|
| ATM065T-F120 | 12.0V | 5.00A | 60W |
| ATM065T-F150 | 15.0V | 4.34A | 65W |
| ATM065T-F180 | 18.0V | 3.62A | 65W |
| ATM065T-F190 | 19.0V | 3.43A | 65W |
| ATM065T-F240 | 24.0V | 2.71A | 65W |
| ATM065T-F480 | 48.0V | 1.36A | 65W |

Input

| | |
|----------------|-------------------------------|
| Voltage | 100-240VAC |
| Line Frequency | 50-60Hz |
| Current | 1.6A-0.7A |
| Protection | Internal Primary Current Fuse |

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 |

Safety Approvals

I.T.E. : CB / UL / cUL / FCC / CE

Medical : CB / UL / cUL / FCC / CE / T-mark(TÜV)

Electrical

| | |
|----------------------|--|
| Topology | Switching Flyback |
| Dielectric Withstand | 4000VAC Primary - Secondary |
| Touch Current | < 100μA |
| MTBF | 300,000 Calculated Hours at 25°C , by Telcordia SR-332 |

Environmental

| | |
|-----------------------|--|
| Operating Temperature | 0 to + 50°C |
| Storage Temperature | -20 to + 80°C |
| Relative Humidity | Operating : 20 to 80% RH Storage : 10 to 90% RH |
| Cooling | Natural Convection Cooling |

Mechanical

| | |
|-----------|---|
| Dimension | L 102 × W 51 × H 31 (mm) 4" x 2" x 1.2" (inch) |
| Weight | 141g (Ref.) |