

Medical Wall Mount Power Supply

Features

- Europe / UK / USA / AC Plug Changeable
- IEC/EN/ANSI/AAMI ES60601-1 (Edition 3.2)
- EMC: IEC 60601-1-2 (Edition 4.1)
- Means of Protection: 2x MOPP
- 100-240VAC Universal Input
- Regulated Output with Low Ripple Noise
- 1 Year Warranty

Approvals

Safety	CB, TÜV, UL, cUL, PSE
EMC	CE, FCC Class B
Efficiency	ErP Stage 2, DoE Level VI



Model	Voltage	Max. Load	Max. Power	Standard DC Plug
ATM 024T-W050_	5.0 V	4.0 A	20.0 W	2.1 x 5.5 x 9.5 mm
ATM 024T-W090_	9.0 V	2.5 A	22.5 W	2.1 x 5.5 x 9.5 mm
ATM 024T-W120_	12.0 V	2.0 A	24.0 W	2.1 x 5.5 x 9.5 mm
ATM 024T-W150_	15.0 V	1.6 A	24.0 W	2.1 x 5.5 x 9.5 mm
ATM 024T-W240_	24.0 V	1.0 A	24.0 W	2.1 x 5.5 x 9.5 mm
ATM 024T-W480_	48.0 V	0.5 A	24.0 W	2.1 x 5.5 x 9.5 mm
ATM 036A4-W050_	5.0 V	5.0 A	25.0 W	2.1 x 5.5 x 9.5 mm
ATM 036A4-W090_	9.0 V	4.0 A	36.0 W	2.1 x 5.5 x 9.5 mm
ATM 036A4-W120_	12.0 V	3.0 A	36.0 W	2.1 x 5.5 x 9.5 mm
ATM 036A4-W150_	15.0 V	2.4 A	36.0 W	2.1 x 5.5 x 9.5 mm
ATM 036A4-W240_	24.0 V	1.5 A	36.0 W	2.1 x 5.5 x 9.5 mm

Input

Voltage	100-240 VAC
Line Frequency	50-60 Hz
Current	ATM 024T-W: 0.58 A – 0.32 A ATM 036A4-W: 1.0 A – 0.4 A
Protection	Internal Primary Current Fuse
Configuration	E: EU Plug B: UK Plug U: US Plug V: Changeable Plug

Output

Load Regulation	± 5 % (Typical)
Ripple & Noise	≤ 2 % V p-p at full load
Transient Response	0.5 ms at 50 % load change
Start-Up Time	< 3 s
Hold-Up Time	≥ 10 ms at full load
Rise Time	< 50 ms
Protection	Short Circuit Protection Over Voltage Protection Over Current Protection Over Temperature Protection

Electrical

Topology	Switching Flyback
Dielectric Withstand	4000 V AC Primary – Secondary
Touch/Leakage Current	< 100 µA
Efficiency	Meets DOE Level VI, ErP Stage 2

Compliance

Means of Protection	2x MOPP
Safety	IEC EN 60601-1 · UL · PSE
EMC Standards	IEC 60601-1-2 (Ed. 4.1) EN 55011; EN 61000-3-2, -3-3 EN 61000-4-2, -3, -4, -5, -6, -8, -11
MTBF	300 000 hours at 25 °C

Environmental

Operating Temperature	-20 °C – 40 °C
Storage Temperature	-20 °C – 80 °C
Operating Altitude	< 5000 m
Operating Humidity	20 % RH – 80 % RH
Storage Humidity	10 % RH – 90 % RH
Cooling	Convection Cooling

Mechanical

Case Dimensions	See Technical Drawing
Weight (ref.)	140 g

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