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Switched mode power supply TP85A

200W (Watt) ATX compatible
medical grade computer power
supply. Type B (patient care) medical
safety standards



Overview TP85A

- 200W ATX compatible medical power supply
- Single-ended feed-forward topology
- Separate auxiliary supply
- Double fused input
- Long hold-up time
- TTL compatible power fail signal with an extended warning time
- Stand-by and a remote on/off functionality.
- Custom Made

Application

- Medical grade computer

Detailed specifications

Input

- Switch selectable input voltage range: 90 - 135 Vac
190 - 260 Vac
- Leakage current: 0.1 mA RMS max.
- Efficiency: > 70 %

Output

- Multiple output voltages: +5V, +33V, +12V, -12V
- Nominal output power: 200W
- Peak output power: 250W

Protections

- Overvoltage protection
- Overload / Short circuit protection
- Overtemperature protected
- Double fused input both Line and Neutral (Accepts both 5 × 20 mm and 6.3 × 32 mm fuses)

Certificates

- UL / CE marked



Safety & EMC

- EN 60601-1
- UL 2601-1
- CSA-C22.2 NO 601.1
- FCC class B
- EN 55011 class B
- EN 61000-3-2 class A
- EN 61000-3-3
- EN 61000-4-4
- EN 61000-4-5
- IEC 721-3-3, class 1K5, class 3M3
- IEC 721-3-1, class 1K5

Cooling

- Regulated build in low noise ball bearing DC fan

Mechanical construction

- ATX compatible metal housing

Connection

- Input: 3 pins main connector in accordance to IEC320
- Output: Output cable loom and flying lead output connectors

Dimensions & weight

- Size (L x W X H): 140 x 150 x 85 mm
5,5 x 5,9 x 3,3 inch
- Weight: 0,6 KG