Total Power Europe
Specialist in power conversion

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TP88A

Class II medical grade power supply. Conforms to type B (patient care) medical safety standards.



CE

Model ref: TPFB-60-1-A

OVERVIEW

- 60W power supply
- Flyback converter topology
- Green LED illuminates when the output voltage is present
- Integrated relay circuitry
- Wide input voltage range
- Custom made

APPLICATION

- Devices used in medical environments
- High demands on safety performance

INPUT

• Input voltage range	: 85Vac – 264Vac
• Leakage current	: 0.1 mA max.
• Efficiency	: > 75%
• Class II	

OUTPUT

• Nominal output power	: 60W
• Single output voltage	: +24V

PROTECTIONS

- Overvoltage protection
- Overload / short circuit protection
- Double fused input
- Automatic latch-off functionality
- Reset by removing the AC-input for at least 5 seconds

CERTIFICATES

- CE marked

SAFETY & EMC

- EN 55011
- IEC 601-1
- IEC 801-2, 3, 4, 5

COOLING

- Limited air convection
- Bad thermal conditions: the supply is designed to guarantee a low thermal stress level

CONSTRUCTION

- The supply is mounted in a special made plastic housing
- Mechanical protection is in accordance with IP 32

CONNECTIONS

• Input	: 3 pins connector (IEC 320)
• Output	: 9 pins SUB-D connector

DIMENSIONS & WEIGHT

• Dimensions (L X W X H)	: 190 × 138 × 68 mm : 7.5 × 5.4 × 2.7 inch
• Weight	: 0.7 KG