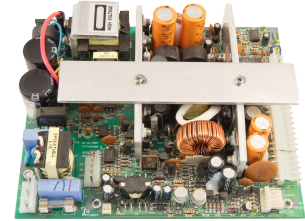


TP77A

Class II military uninterruptible power supply used in medical scanners. This UPS has multiple output voltages.



Model ref: TPMS-95-7-E

OVERVIEW

- 96W Uninterruptible medical power supply
- 3 converters
 - : First converter generates a DC BUS voltage to supply the main converter, high voltage converter and the battery charger.
 - : A push-pull converter
 - : A third converter is used to generate three high output voltages
- Remote on/off functionality and the high voltage outputs can be switched on and off separately by external inputs
- Battery powered in case of absence of AC mains or power interruptions
- Custom made

APPLICATION

- Medical scanner used for militaries and animals
- Complies with IEC 601-1 BF medical safety standards
- Suitable for field operations where no AC mains is available

INPUT

- AC mains jumper selectable input voltage ranges
 - : 98 – 135 Vac
 - : 196 – 270 Vac
- External battery input voltage range
 - : 10.4V – 14.9 Vdc
- Leakage current
 - : 1 mA RMS max.
- Efficiency
 - : > 77%
- Class II

OUTPUT

- Nominal output power
 - : 96W
- Multiple output voltages
 - : +5V
 - : +15V
 - : +70V
 - : -12V
 - : -70V
 - : -180V

PROTECTIONS

- Overload / short circuit protection
- Thermal overload protection

SAFETY & EMC

- VDE 0871 class B
- IEC/EN/UL 60601-1
- IEC/EN/UL 60950-1

COOLING

- Forced air convection

CONSTRUCTION

- Open frame

CONNECTIONS

- Input : Leoco connector
- Output : Leoco connector

DIMENSIONS & WEIGHT

- Dimensions (L X W X H) : 180 × 150 × 40 mm
: 7.1 × 5.9 × 1.6 inch
- Weight : 0.76 KG