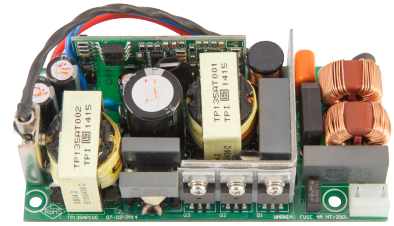


## TP135A

100W medical power supply designed for artificial respiration equipment used in home care. This SMPS meets the EN 60601 4kV standard.



Model ref: TPLLC-72-1-A

### OVERVIEW

- 100W power supply
- High peak power demand due to an accelerating DC-motor
- Low standby power
- Ability to cope with feedback energy from the DC-motor
- Custom made

### APPLICATION

- Artificial respiration equipment used in home care

### INPUT

- Universal input voltage range : 80 – 264 Vac
- Leakage current : 100µA RMS NFC  
: 500µA RMS SFC at 240Vac/60Hz
- Efficiency : > 87%
- Class I

### OUTPUT

- Nominal output power : 100W
- Single output voltage : +48DC

### PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Overtemperature protection : Optional
- Automatic fault recovery (hiccup restart) functionality
- Automatic latch-off functionality
- DC-motor feedback energy protection
- Microprocessor controlled protections

### CERTIFICATES

- CE marked



## SAFETY & EMC

- EN 55011
- EN 55014
- IEC/EN/UL 60601-1
- IEC/EN/UL 60950-1
- IEC/EN 61000-3-2
- IEC/EN 61000-3-3
- IEC/EN 61000-4-2
- IEC/EN 61000-4-3
- IEC/EN 61000-4-4
- IEC/EN 61000-4-5
- IEC/EN 61000-4-11
- IEC/EN 61000-6-2
- IEC/EN 61000-6-3

## COOLING

- Free air convection

## CONSTRUCTION

- Open frame

## CONNECTIONS

- Input : Leoco connector 3 pins
- Output : Wire outlet 2 pins

## DIMENSIONS & WEIGHT

- Dimensions (L X W X H) : 115.1 × 54.3 × 33 mm  
: 4.5 × 2.1 × 1.2 inch
- Weight : 0.45 KG