

## TP137A

120W Medical grade power supply used in physical electrotherapy equipment.



Model ref: TPLLC-120-1-A

### OVERVIEW

- 120W power supply
- Extrem low leakage current
- Type BF classified
- Active PFC
- LLC resonant converter topology: allows zero voltage switching
- Custom made

### APPLICATION

- Physical electrotherapy equipment
- Continuous power demands

### INPUT

- Universal input voltage range : 90 – 264 Vac
- Leakage current : 60  $\mu$ A
- Efficiency : > 86% EC Ecodesign (EUP Tier1) EUP directive 2005/32/EC
- Class II

### OUTPUT

- Nominal output power : 120W
- Single output voltage : +15Vdc

### PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Double fused input
- Automatic fault recovery (hiccup restart) functionality

### CERTIFICATES

- CE marked



## SAFETY & EMC

- EN 55011
- IEC/EN/UL 60601-1

## COOLING

- Limited air convection

## CONSTRUCTION

- Enclosed frame : Enclosed in a rail mountable bracket
- Separate, user removable, emergency backup battery compartment

## CONNECTIONS

- Input : JST 2 pins connector
- Output : JST 4 pins connector

## DIMENSIONS & WEIGHT

- Dimensions (L X W X H) : 170 × 100 × 50 mm  
: 6.7 × 3.9 × 2 inch
- Weight : 0.55 KG