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# Switched mode power supply TP111A

100W power supply with a time protected high peak output power



## Overview TP111A

- 100W power supply
- +12Vdc and +24Vdc output versions available.
- High peak output power
- Custom Made

## Application

- Professional coffee dispenser machine
- Operating 24/7
- High power demands for a short period of time

## Detailed specifications

### Input

- Input voltage range: 190 - 264 Vac
- Leakage current: 1 mA RMS max
- Efficiency: > 85 %

### Output

- Single output voltage: +12Vdc or +24Vdc
- Nominal output power: 100W
- Max output power 300W (5 sec.)

### Microprocessor controlled protections

- Under/Overvoltage protection
- Overload / Short circuit protection
- 5 x 20 mm fuse in the LIVE input line (located on the PCB)
- Time related output power / current protection

## Safety & EMC

- IEC 60950 Class I
- UL 60950 Class I
- IEC 60335
- IEC 55014
- IEC 50081-1
- IEC 50081-2
- IEC 61000-4-2,3,4,5,6,11
- IEC 61000-3-2 A1, A2, A14
- IEC 61000-3-3

## Certificates

- CE marked



## Cooling

- Free air convection

## Mechanical construction

- Open frame

## Connection

- Input Leoco 2 pins connector
- Output Leoco 6 pins connector

## Dimensions & weight

- Size (L x W X H): 127 x 77 x 48 mm  
5 x 3 x 1,8 inch
- Weight: 0,6 KG