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# Switched mode power supply TP123A

360W Power factor corrected power supply

Multiple outputs including a 15W auxiliary output



## Overview TP123A

- 360W power supply
- Active PFC
- ATX compatibility
- Built in 5V / 3A flyback auxiliary supply and two separate feed-forward main converters to ensure a continuous high output power on all 7 outputs
- I/O interface signals: power OK, power fail and remote on/off
- Custom Made

## Application

- Gambling machine with an ATX motherboard
- High power demands caused by the switching behaviour of DC motors and light bulb matrices

## Detailed specifications

### Input

- Universal input range: 90 - 264V
- Leakage current: 1,0 mA max.
- Efficiency: > 70%

### Output

- 7 output voltages
 

+5V aux	-12V
+3.3V	+13V
+5.1V	+24V
-5V	
- Nominal output power: 360W

### Certificates

- CE marked



## Microprocessor controlled protection

- Under/Overvoltage protection
- Overload / Short circuit protection
- Reset/recover and automatic switch-off functionalities
- Time related output power / current protection
- Overtemperature protection

## Safety & EMC

- EN 60950
- EN 50081-1
- EN 50082-2
- EN 55022, class B
- EN 61000-3-2, class D
- EN 61000-3-3
- EN 61000-4-4,5
- EN 61000-4-11

## Cooling

- Forced air convection: built-in DC fan

## Mechanical construction

- A specially designed black anodized aluminium bracket housing with a galvanized metal cover

## Connection

- Input AMP Mate-N-Lock 3 pins
- Output 7 x Mini-Fit Jr. from 2 up to 20 pins

## Dimensions & weight

- Size (L x W X H): 260 x 126 x 63 mm  
10,2 x 5 x 2,5 inch
- Weight: 2,26 KG