

## TP123A

Ref: TPMS-360-7-A

360W Power factor corrected power supply used in gambling machines. This SMPS has 7 outputs including a 15W auxiliary output.



### OVERVIEW

- 360W uninterruptible power supply
- 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

### INPUT

- Universal input voltage range : 90 – 264 Vac
- Leakage current : 1 mA RMS max.
- Efficiency : > 70%

### OUTPUT

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

### PROTECTIONS

- Under / overvoltage protection
- Under / overvoltage protection
- Automatic fault recovery (hiccup restart) functionality
- Automatic latch-off functionality

- Time related output power / overcurrent protection
- Overtemperature protection
- Microprocessor controlled protections

#### CERTIFICATES

- CE marked



#### SAFETY & EMC

- EN 50081-1
- EN 50082-2
- EN 55022
- IEC/EN/UL 60950-1
- IEC/EN 61000-3-2
- IEC/EN 61000-3-3
- IEC/EN 61000-4-4
- IEC/EN 61000-4-5
- IEC/EN 61000-4-11

#### COOLING

- Forced air convection
- : Built-in DC fan

#### CONSTRUCTION

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

#### CONNECTIONS

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