

TP123A

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



Model ref: TPMS-360-7-A

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

DIMENSIONS & WEIGHT

- Dimensions (L X W X H) : 260 x 126 x 63 mm
: 10.2 x 5 x 2.5 inch
- Weight : 2.26 KG