

TP132A

240W Enclosed power supply with 5 outputs and continuous high output power.



Model ref: TPMS-240-5-A

OVERVIEW

- 240W power supply
- Universal input voltage range
- 3 converters
 - : A double feed- forward topology main converter
 - : A flyback topology based auxiliary converter
 - : A dual synchronous DC-DC converter
- 8 led's show the status of the power supply
- Active PFC
- Sine wave input current with minimal distortion
- Custom made

APPLICATION

- Gambling Machine with a motherboard, 3d graphics card, sound card and electromechanical parts
- Continuous high output power demands

INPUT

- Universal input voltage range : 80 - 264 Vac
- Efficiency : > 80%

OUTPUT

- Nominal output power : 240W
- Multiple output voltages
 - : +5V
 - : +8V
 - : +8V
 - : +12V
 - : +24V

PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Some protection circuits re-start automatically after reaching a protection level
- Overtemperature protection

- Fan error protection
- Microprocessor controlled protections

CERTIFICATES

- CE marked



SAFETY & EMC

- | | |
|------------------------------|---------------------|
| • EN 50081-1 | • EN 50082-1 |
| • EN 55022 (CISPR22) Class B | • 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

- Temperature controlled DC fan

CONSTRUCTION

- Enclosed frame : The power supply is mounted in an aluminum bracket with a metal cover

CONNECTIONS

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|-------------|---------------------|
| • AC input | : 3 pins connector |
| • AC output | : 3 pins connector |
| • DC output | : 15 pins connector |

DIMENSIONS & WEIGHT

- | | | |
|--------------------------|---------------------|------------------------|
| • Dimensions (L X W X H) | : 200 x 150 x 68 mm | : 7.9 x 5.9 x 2.7 inch |
| • Weight | : 1.7 KG | |