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Switched mode power supply TP100A

350W Power factor corrected power supply

Multiple outputs including a 12V auxiliary output



Overview TP100A

- 350W power supply
- Power Factor Corrected
- Remote on/off control via a modem
- 12V and 26V output are designed to cope with cold lamp start-up currents
- 5 outputs including 2 constant voltage / current source outputs and a 12V auxiliary output
- Open collector power fail output
- Custom Made

Application

- Gambling machine
- High power demands for a short period of time, which are caused by motors and lamps

Detailed specifications

Input

- Universal input voltage range: 90 - 264V
- Leakage current: 1,0 mA max.
- Efficiency: > 75%

Output

- 5 output voltages

+5V	+5V
+12V	+26V
+12V (aux)	
- Nominal output power: 350W

Certificates

- CE marked



Protections

- Overvoltage protection
- Overload / Short circuit protection
- Fuse protected AC input lines
- Reset functionalities
- 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 brushless DC fan

Mechanical construction

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

Connection

- Input AMP Mate-N-Lok connector
- Output 4 x AMP Mate-N-Lok connectors

Dimensions & weight

- Size (L x W X H): 280 x 126 x 63 mm
11 x 5 x 2,5 inch