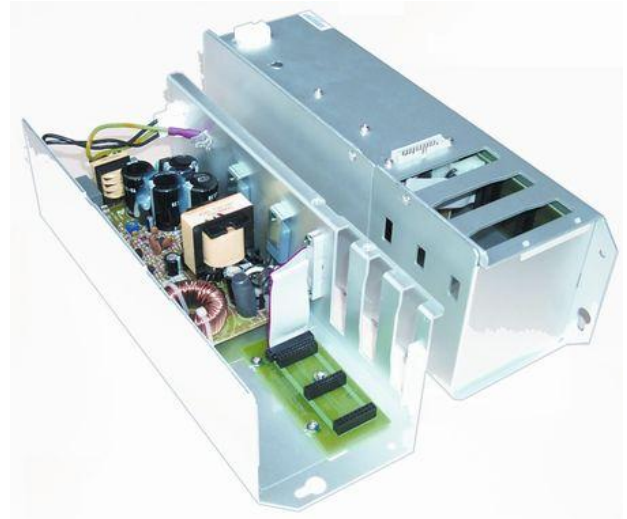




[Home](#) > [Our switched mode power supplies](#) > [TP44A](#) > PDF

Switched mode power supply TP44A

150W Power supply with a time protected peak power output of twice the nominal rated value



Overview TP44A

- 150W power supply
- Ability to switch over to constant current mode:
(even in combination with the internal resistance of a blocked DC motor, the PSU still provides enough voltage to supply the digital control electronics of the application.)
- Single-ended feed-forward topology
- Custom made

Application

- Professional liquid and candy dispensers
- Peak load currents caused by DC motors, valves and electromagnetic relays
- Operating 24/7 at elevated temperatures

Detailed specifications

Input

- Input voltage range 176 - 264 VAC
- Efficiency: > 85%

Output

- Single output voltages +24V
- Nominal output power: 150W
- Max peak output power 300W (12 sec.)

Microprocessor controlled protections

- Overload / Short circuit protection
- Time related output power / current protection
- Input fuse protection
- Automatic recovery functionalities
- Hiccup mode

Safety & EMC

- EN 60950
- EN 60335

Cooling

- Free air convection

Mechanical construction

- Closed aluminium housing
- Cover is being used as a heatsink

Connection

- Input: 3 pins connector
- Output: 4 pins connector

Dimensions & weight

- Size (L x W X H): 225 x 70 x 68 mm
12,6 x 4,5 x 3,5 inch
- Weight: 0,9 KG