



[Home](#) > [Our switched mode power supplies](#) > [TP93A](#) > PDF

Switched mode power supply TP93A

90W enclosed power supply with a integrated microprocessor based dispenser controler circuitry



Overview TP93A

- 90W power supply
- Single-ended feed-forward converter topology
- The integrated microprocessor based control circuitry handles all required dispenser processing functions such as:

Generating triangular current pulses to the coffee dosing coils
Control of the mixer motors
Control of valves, relays and peltier cooling elements.

- Custom Made

Application

- Professional vending machines and liquid (coffee) dispensers
- Build for the European and Japanese market
- High peak power demands
- Operating 24/7

Detailed specifications

Input

- AC selectable input: 115 / 230 Vac
- Efficiency: > 75%

Output

- Output voltages: 11 Vdc, 24 Vdc
- Nominal output power: 90W
- Peak output power: 330W

Protections

- Overload protection

Safety & EMC

- EN 60335, Class 2
- UL 1950, Class 2
- EN 50081-1
- EN 50082-1
- EN 55022, Class B
- EN 61000-3-3
- EN 61000-4-4,5

Cooling

- Build-in fan

Mechanical construction

- A specially designed black anodized aluminium U-profile bottom case and a metal top cover
- Easy to use fixation slots

Connections

- Input / outputs: Connectors with flying leads

Dimensions & weight

- Size (L x W X H): 200 x 110 x 65 mm
7,9 x 4,3 x 2,6 inch
- Weight: 1,18 KG