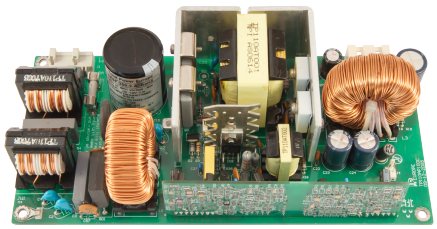
Total Power Europe
Specialist in power conversion

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TP110A

Dual output regulated power supply used in a coffee vending machine. High peak output power converter (500W) and 5 volt auxiliary converter



CE

Model ref: TPSF-250-2-A

OVERVIEW

- 250W power supply
- Passive PFC
- Remote on/off functionality
- Onboard 5V / 20W auxiliary converter
- High peak output power
- Custom made

APPLICATION

- Professional coffee vending machine
- Operating 24/7
- High power demands for a short period of time

INPUT

Input voltage range	: 190 – 264 Vac
Leakage current	: 1 mA RMS max.
Efficiency	: > 75%
Class I	

OUTPUT

Nominal output power	: 250W
Peak output power	: 500W (10 sec.)
Multiple output voltages	: +5Vdc : +30Vdc

PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Time related output power / overcurrent protection
- Reset by removing the AC-input for at least 5 sec.
- Microprocessor controlled protections

CERTIFICATES

- CE marked

SAFETY & EMC

• EN 50081-1	• EN 50082-1
• EN 55014	• EN 55104
• IEC/EN/UL 60335-1	• IEC/EN/UL 60950-1
• IEC/EN 61000-3-2	• IEC/EN 61000-3-3
• IEC/EN 61000-4-2	• IEC/EN 61000-4-3
• IEC/EN 61000-4-4	• IEC/EN 61000-4-5
• IEC/EN 61000-4-6	• IEC/EN 61000-4-11

COOLING

- Free air convection

CONSTRUCTION

- Open frame with two L-shaped heatsinks

CONNECTIONS

• Input	: Wago 3 pins connector
• Output	: Lumberg 4 pins connector
• Remote ON/OFF	: 2 pins connector

DIMENSIONS & WEIGHT

• Dimensions (L X W X H)	: 205 × 95 × 50 mm : 8.1 × 3.7 × 2 inch
• Weight	: 0.7 KG