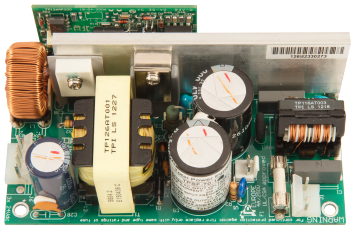
Total Power Europe
Specialist in power conversion

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TP126A

80W Power supply with a time protected peak power output of 300W.



Model ref: TPSF-80-1-A

OVERVIEW

- 80W power supply
- Microprocessor controlled protection levels
- Single-ended feed-forward topology based
- Custom made

APPLICATION

- Professional coffee dispensers
- High peak power demands due to inrush currents of DC motors
- Low stand-by power
- Operating 24/7

INPUT

• Jumper selectable input voltage range	: 90Vac – 135Vac : 190Vac – 264Vac
• Leakage current	: 1 mA RMS max.
• Efficiency	: > 85%

OUTPUT

• Nominal output power	: 80W
• Peak output power	: 230W (14 sec.) : 300W (7 sec.)
• Single output voltage	: +24V
• 60950-1 LPS / UL 1310 Class 2 (output limited to 100VA for max 5 seconds)	

PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Time related output power / overcurrent protection
- Automatic restart by removing the AC-input for at least 1 sec.

- Microprocessor controlled protections

CERTIFICATES

- UL
- CE marked

SAFETY & EMC

- EN 55014
- IEC/EN/UL 60335-1
- IEC/EN/UL 60950-1 LPS
- 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
- IEC/EN 61000-6-2
- IEC/EN 61000-6-3

COOLING

- Free air convection

CONSTRUCTION

- Open frame
- Very small heatsinks

CONNECTIONS

- Input : Leoco connector 3 pins
- 115/230V : JST connector 2 pins
- Output : Leoco connector 6 pins

DIMENSIONS & WEIGHT

- Dimensions (L X W X H) : 127 × 76.2 × 45.7 mm
  : 5 × 3 × 1.8 inch
- Weight : 0.6 KG