



## TP81A



Power Supply for a coffee dispenser, with a time protected peak output power of 450W.



Model ref: TPSF-150-3-E

### OVERVIEW

- 150W power supply
- Able to deliver 3 times the nominal output power
- Low standby power
- Single-ended feed-forward topology
- Custom made

### APPLICATION

- Range of professional coffee dispensers
- Main output of the PSU is used to supply the digital control electronics of the machine and one or two peltier elements
- The load of the other outputs consists out of valves, motors, relays and coffee dosing coils
- Operating 24/7

### INPUT

- Jumper selectable input voltage range : 115 - 230 Vac
- Efficiency : > 80%



### OUTPUT

- Nominal output power : 150W
- Peak output power : 450W
- Multiple output voltages : +10.5V  
: +24V  
: +30V

### PROTECTIONS

- Overvoltage protection
- Overload protection

### CERTIFICATES

- UL 
- CE marked 

## SAFETY & EMC

- EN 50081-1
- EN 50082-1
- EN 55014
- IEC/EN 61000-3-2
- IEC/EN/UL 60335-1
- IEC/EN/UL 60950-1

## COOLING

- Limited air convection

## CONSTRUCTION

- Open frame construction with two L shaped heatsinks
- PSU is screwed down to the metal mounting console of the machine

## CONNECTIONS

- Input : AMP Mate-N-Lok connectors
- Output : AMP Mate-N-Lok connectors

## DIMENSIONS & WEIGHT

- Dimensions (L X W X H) : 205 × 95 × 55 mm  
: 8.1 × 3.7 × 2.2 inch
- Weight : 0.6 KG