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# Switched mode power supply TP115A

12V / 325W (Watt) Power factor corrected SMPS with a multifunctional (AC/DC, solar) battery charger. This PSU is used in leisure equipment (e.g. motorhomes, caravans).



## Overview TP115A

- 325W power supply
- Active power factor corrected
- Three led system status monitor.
- Custom Made

## Application

- Leisure equipment (e.g. motorhomes, caravans & boats)

## Detailed specifications

### Input

- AC Input voltage 190 - 256Vac

### Output

- Output voltage +13Vdc
- Max output current 25Amp
- Nominal output power: 325W

### Battery charger

- Leisure and vehicle battery
- Buck-boost principle based U / I battery charger
- Onboard solar regulator charge circuitry
- Jumper selectable battery type: lead acid or gel
- Leisure battery is charged when travelling

### Microprocessor controlled protections

- Under/Overvoltage protection
- Overload / Short circuit protection
- Over temperature controlled protections
- Reverse polarity protection.

## Safety & EMC

- EN 60950 Class I
- EN 60335 Class I
- EN 60335-2-29
- EN 50081-1
- EN 50082-1
- EN 55022, Class B
- EN 61000-3-2, Class D
- EN 61000-3-3
- EN 61000-4-2
- EN 61000-4-3
- EN 61000-4-6
- EN 61000-4-4,5
- EN 61000-4-11

## Cooling

- Forced air convection
- Superior cooling behaviour is achieved by two separate temperature measured sheet covered heatsinks

## Mechanical construction

- Open frame

## Connection

- Inputs / Outputs: 6.3mm tab headers

## Dimensions & weight

- Size (L x W X H): 195 x 135 x 60 mm  
7,7 x 5,3 x 2,4 inch
- Weight: 1,26 KG