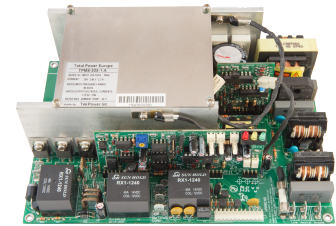


TP115A

Power factor corrected SMPS with a multifunctional (AC/DC, solar) battery charger used in leisure equipment.



Model ref: TPMS-325-1-A

OVERVIEW

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

APPLICATION

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

INPUT

- Input voltage range : 190 – 264 Vac
- Class I

OUTPUT

- Nominal output power : 325W
- Max. output current : 25Amp
- Single output voltage : +13V

PROTECTIONS

- Under / overvoltage protection
- Overload / short circuit protection
- Overtemperature protection
- Reverse polarity protection
- Microprocessor controlled protections

SAFETY & EMC

- EN 50081-1
- EN 50082-1
- EN 55022 (CISPR22) Class B
- IEC/EN/UL 60335-1
- IEC/EN 60335-2-29
- 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
- Superior cooling behaviour is achieved by two separate temperature measured sheet covered heatsinks

CONSTRUCTION

- Open frame

CONNECTIONS

- | | |
|----------|---------------------|
| • Input | : 6.3mm tab headers |
| • Output | : 6.3mm tab headers |

DIMENSIONS & WEIGHT

- | | |
|--------------------------|------------------------|
| • Dimensions (L X W X H) | : 195 × 135 × 60 mm |
| | : 7.7 × 5.3 × 2.4 inch |
| • Weight | : 1.26 KG |