



TP84A



Power Factor Corrected power supply used for a storage server. High peak output power of 520W.



Model ref: TPSF-300-2-A

OVERVIEW

- 300W Rack mount power supply
- Single-ended feed-forward topology
- Active Power Factor Correction (PFC) circuitry
- N+1 redundancy
- Stand-by mode and remote on/off control
- Integrated power- and thermal system management with LED indication
- Custom made

APPLICATION

- Professional storage server
- Operating 24/7
- The PSU supplies the 37Vdc bus voltage of the system
- System consists out of three parallel running power supplies
- Possibility to plug in/out one PSU without affecting the performance of the 37Vdc distribution bus

INPUT

- Universal input voltage range : 85 – 264 Vac
- Leakage current : 0.5 mA RMS max.
- Efficiency : > 85%

OUTPUT

- Nominal output power : 300W
- Peak output power : 520W
- Multiple output voltages : 2 × 37Vdc

PROTECTIONS

- Overvoltage protection
- Overload / short circuit protection
- Thermal protection

CERTIFICATES

- CE marked



- UL



SAFETY & EMC

- EN 55022 (CISPR22) Class B
- IEC/EN/UL 60950-1
- IEC/EN 61000-3-2
- IEC 801 2,3,4

COOLING

- Integrated radial fan

CONSTRUCTION

- Enclosed in metal housing
- Rack mount PSU

CONNECTIONS

- Input : Singatron / Inalways connector
- Output : Leoco connectors
- Fan : 4 pins AMP connector

DIMENSIONS & WEIGHT

- Size PSU (LxWxH) : 240 × 140 × 43 mm
: 9.4 × 5.5 × 1.7 inch
- Size tray (LxWxH) : 460 × 143 × 46 mm
: 18.1 × 5.6 × 1.8 inch
- Weight : 1.52 KG