Transpower Applications Ltd

TPS266

Special Features

- Up to 600W CPCI converter
- One to four regulated outputs
- Baseplate & wedge lock cooled
- 28VDC or 110VAC versions
- Reliable power in 6U rack space

Description

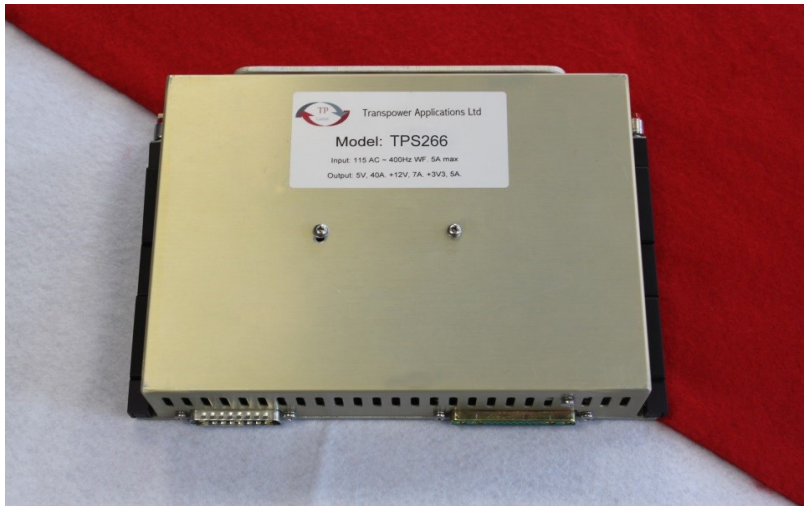
- The TPS266 series are designed to provide reliable power to PCI / VME 6U applications in rack systems under stressful environments.
- Each product is tailored to the specific application and offers up to four regulated output, alarm signals and enable controls.

Electrical Specification Unit

- Input range 18V to 40VDC or 110VAC 360-800Hz
- DC input surge protected to 100V
- Able to withstand overloads and shorts on the outputs
- Outputs isolated from input and case
- 50ms loss of input hold up incorporated where required

Output

- 3V3 10A to 80A to and 5V 10A to 80A outputs
- +12V and -12V outputs at up to 8A
- 28V filtered outputs
- Input OK and DC output OK signal outputs
- Remote sense on main outputs



Environmental Performance

- -40°C to +85°C baseplate temperatures; convection cooled version also available
- Rugged design to withstand vibration up to fast jet standards
- Conformal coating on circuit boards available as an option
- Mil Std 461 emissions compliant
- Mil Std 1275D / DO-160 surge ride through

Physical Specification

- 160mm x 233mm x 45mm chassis
- Power D type or F47 connectors
- Flat baseplate for cooling with wedge locks for retaining unit in chassis
- All stainless steel fixings

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Physical Outline