



- For VME or cPCI Applications
- Airborne 115VAC or 28VDC Operation
- Conduction-Cooled Through the Card edge (No Airflow Needed)
- Choice of Connectors
- MIL-STD-704E & MIL-STD-810 Compliant
- Operational to 70,000 ft
- Fighter Aircraft Shock and Vibe Rated
- HALT & HASS Tested to Ensure Reliability

FEATURES

- Input (primary): Standard airborne single phase, 115Vac, 400Hz (Power Factor Corrected)
- Input (back-up): 28Vdc powers 5Vdc output (when 115Vac is removed)
- Outputs: 3.3Vdc @ 15A = 50W
5Vdc @ 15A = 75W
+12Vdc @ 2A = 24W
-12Vdc @ 2A = 24W
- Power Level: 175W
- 80%+ efficiency / 3% output voltage regulation
- Dimensions: 1.6" (dual slot) x 6.69" x 9.18"
- Weight: under 4lbs
- Protection/Monitoring Circuitry: Over/Under-voltage, Over current, Temperature, Battle Override
- Shock: 40Gs half sine / vibration: 15.31 Grms 10-2000 Hz
- Hold-up Circuitry: 50mS
- EMI compliance to MIL-STD-461E (CE, CS, RE, RS)
- Operating Temp -40°C to +70°C (card edge) / Non-operating Temp -55°C to +85°C
- MTBF: > 15,000 hours (per MIL-HDBK-217 AIF condition)

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Note that the exact product shown on this data sheet may not be available for purchase due to prior contractual obligations. Please contact TDI for current available products or to discuss a modification to an existing design.

Robust Systems For Critical Applications

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