Rugged Power Distribution Backplane

CONTINUOUS OUTPUT POWER: 1,000W to 8,000W

Rugged Total Power Solutions Technology
Acumentrics designs and manufacture Total Power Solutions with the Rugged-UPS™ including backplanes, cables, power conditioners, inverters and power distribution units that can be mounted on 19" racks and transit cases for mission critical applications that are deployed in harsh environments.

High Precision Rugged Mechanical Design
The Rugged Power Distribution Backplane (PDB) systems allows high accuracy, very reliable, blind-mating connections of Rugged-UPS™ with hot swapping.

PDB Models
2U, two slot backplane and
3U, three slot backplane.
Stackable design allows 2 to 8 slots
configurations with the ANG1251 1U Rugged-UPS™, provides easy connections for an N+1 Scalable/Fault Tolerant AC/DC Uninterruptable Power System expandable from 1kW to 8kW.

ENVIRONMENTAL
Operating Temperature Range: -20°C to 50°C
Storage Temp: -40°C to 70°C
Humidity: Up to 95% non-condensing

ELECTRICAL
Input Voltage: 80 to 265 VAC
Wattage: 2500VA/2000W per connector
Electromagnetic Interference: Designed to meet MIL-STD-461-E When paired with Acumentrics' RUPS equipment
Circuit Breaker Rating: 20 Amps
Vibration: Designed to meet MIL-STD-810-G
Shock: Designed to meet MIL-STD-810-G

Acumentrics Rugged Power Distribution Backplane, designed to connect durable and versatile Rugged-UPS™ equipment to provide highly reliable power conditioning and battery back-up for the most sensitive electronic devices in harsh and combat environments. Provides very resilient power solutions with a fault-tolerant N+1 configurations with no single point of failure.

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Specification may change without notification

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