



POWER DISTRIBUTION SOLUTIONS DESIGNED FOR MILITARY APPLICATIONS

Milpower Source designs and manufactures exceptional military power conversion, PDU and networking solutions, which can be rapidly tailored for our customers' unique requirements. Our solutions set the standard for thermal, EMI and shock/vibe management, are compliant with MIL-Standards and are field-proven in the most demanding application environments.



STANDARD PDU FEATURES:

- 28V and 270V Solutions
- Modular Single-Channel, Standard Multi-Channel Configurations & Custom Designs Available
- Input: 6-33VDC Steady-State
- User-Configurable Channels
- D-Subminiature Connectors (Circular Connectors Optional)
- Control via CAN, RS-485 Ethernet Communications
- Conformal Coating of PCA's for Salt, Fog & Corrosion Prevention
- Adjustable Trip & Short Circuit Limit
- Custom Form Factors Available

WHY CHOOSE A MILPOWER PDU SOLUTION?

- Software & hardware can be tailored to customer needs
- Very low drop power distribution, >99% efficiency
- Prevent over load or short with real current limiting
- Fully autonomous monitoring & trip
- Industry leading short circuit peak current limit
- Input spike & reverse voltage protection
- High resolution current & voltage telemetry
- Designed to meet MIL-STD-704, DO-160 or MIL-STD-1275, and environmental per MIL-STD-810



7 Field Lane • Belmont, NH 03220
1-603-267-8865 • sales@milpower.com
www.milpower.com



**M9516 SERIES
POWER DISTRIBUTION UNIT**

- Input Power: 6-33VDC
- Input Current: 200A
- Outputs: Eight
- Operating Temp: -55°C to 105°C
- Designed to Meet: MIL-STD-1275, MIL-STD-810, MIL-STD-461



**M9526 SERIES
SINGLE CHANNEL SMART SWITCH**

- Easy to Integrate – Simple I2C communication
- Input Voltage: 0V-50V (Power Train)
- Output Current: 30A
- Operating Temp: -55°C to 105°C
- Designed to Meet: MIL-STD-810, MIL-STD-461



**M9538 SERIES
8 CHANNEL POWER
DISTRIBUTION UNIT**

- 8-channel managed power distribution unit.
- Distributes 28VDC through overload and short-circuit protected switches.
- Supports Ethernet communications to control and configure Ethernet Interfaces (Static & Dynamic IP configurations).
- 3 Discrete inputs (DCI, RAT, WP) and 1 Discrete output (Trip error output).
- Large capacitance charge capability.
- Sources a universal input connector to handle 100 amps.
- Complies with MIL-STD-704F, DO-160G and EN2282.
- Designed for airborne and ground applications.



**NETWORKING
SOLUTIONS**

**ASK US ABOUT OUR LINE
OF NETWORKING PRODUCTS**

- Complete line of 1/10/40G Ethernet Switches, Routers and SOSA™ aligned VPX
- Available in packages & board-level configurations
- Unmanaged or Managed with the latest networking & security protocols
- Comply with MIL-Standard specifications



MILPOWER WELCOMES THE OPPORTUNITY TO CONFIGURE OUR PRODUCTS TO YOUR SPECIFICATIONS

If you require a custom solution, we invite you to speak directly with our experienced design engineers today to define your specifications and create a solution that meets your needs.



7 Field Lane • Belmont, NH 03220
1-603-267-8865 • sales@milpower.com
www.milpower.com