

VPX VITA & SOSA™ ALIGNED POWER & NETWORKING SOLUTIONS

Designing and manufacturing VITA 62, VITA 46 and SOSA-aligned military power and networking VPX 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.



WHY CHOOSE ENERCON MILVPX?

- Configurable power & networking solutions
- 3U & 6U form factor
- Rugged mechanical design
- VITA and SOSA™ - aligned solutions



STANDARD POWER FEATURES:

- Form Factors
 - 3U up to 800W
 - 6U up to 1.2kW
- Over 30+ Mature VPX Designs:
 - AC/DC: 1-Phase and 3-Phase
 - DC/DC: 28V and 270V
- Holdup Units
- Wide DC Input Range: 12V-100V

STANDARD NETWORKING FEATURES:

- 3U VPX form factor
- Copper and Fiber optic interfaces
- Supporting advanced secure boot via dedicated FPGA
- Advanced Layer 2 / Layer 3 communication protocols for security according to VITA 46.11

ASK US ABOUT OUR COMPLETE LINE
OF POWER & NETWORKING PRODUCTS



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POWER

M4012 SERIES

3U VPX VITA 62 DC/DC POWER SUPPLY WITH HOLDUP

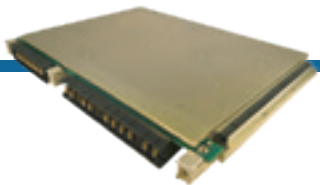
- High Density & Cyber Secure
- Input: 16.5-50VDC
- Output up to 350W with 300W@ 50ms Holdup



M4067 SERIES

6U VPX VITA 62 AC/DC POWER SUPPLY

- High Density & Cyber Secure
- Input: 18 to 48VDC
- Output up to 1200W



M4054 SERIES

3U VPX VITA 62 DC/DC POWER SUPPLY

- VITA 46.11 System management
- High Density & Cyber Secure
- Input: 18 to 48VDC
- Output up to 800W
- Input options: MIL-STD-1275, MIL-STD-704, DEF-STAN 61-5



2020 **Military & Aerospace Electronics**
INNOVATORS AWARDS
SILVER HONOREE



M4094 SERIES

3U VPX VITA 62 DC/DC POWER SUPPLY

- VITA 46.11 System management
- VITA 62.2 connectors to increase breakdown voltage
- Input: 200-330VDC
- Output up to 800W



M4706 SERIES

6U VPX VITA 62 AC/DC POWER SUPPLY

- VITA 46.11 System management
- VITA 48.7 Air Flow-By Cooling
- Input: 115 VAC 400 Hz three-phase
- Output up to 1100W / 1400W Peak



NETWORKING

MILTECH 20G3UVPX

3U VPX 24 PORT GIGABIT ETHERNET SWITCH

- 20 x 1G copper ports and 4 x 1G fiber optic interfaces.
- Supporting advanced secure boot via dedicated FPGA
- IEEE 1588 protocol and advanced Layer 2 / Layer 3 communication protocols for security, QoS & data redundancy
- Monitoring and management via IPMI SOSA™ aligned interface



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PORT

MILTECH 320G3UVPX

32 X 10G PORTS 3U VPX ETHERNET SWITCH

- VITA 46 & SOSA™ Aligned
- Up to 32 Ports Slot Profiles per SOSA
- Full Layer 3 management features include: VRRP, OSPF V3, PIM, RIP V1/V2, ECMP. IEEE 1588 protocol and QoS.



UP
TO 32
PORTS



ENERCON TECHNOLOGIES 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.



TECHNOLOGIES LTD

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