

MILITARY COMBAT GROUND VEHICLES



POWER & NETWORKING SOLUTIONS

Enercon Technologies products are designed to meet or exceed standard requirements defined in MIL-STD-1275, MIL-STD-461 and MIL-STD-810. Proudly serving the US ground vehicle industry, our power and networking solutions are designed to ensure consistent performance in harsh climates, varying temperatures, and unique shock & vibration conditions. With over 40 years of experience, our design engineers have the expertise to deliver light-weight power modules, PDUs, Ethernet switches, routers, and media converters that pass qualifications the first time. Our products consistently provide mission-ready performance for combat vehicles, and UGVs.

STANDARD POWER FEATURES

- SWaP (size, weight and power)
- Rugged mechanical design
- Wide DC input range: 6V-100V
- Experience in High Voltage Architectures (600VDC)
- Power management capabilities including communication interfaces
- PDU units feature Surge immunity of 100V
- Can be designed per sealed enclosure (IP67)
- Design to meet: MIL-STD-1275, MIL-STD-810, MIL-STD-704, MIL-STD-461 Standards

STANDARD NETWORKING FEATURES

- SWaP (size, weight and power)
- Rugged mechanical design
- VICTORY Architecture Compliant & Tested Solutions
- Layer 2 and Layer 3 capabilities
- Management capabilities
- The latest networking & security protocols
- PoE (power over Ethernet) support
- Design to meet: MIL-STD-1275, MIL-STD-810, MIL-STD-704, MIL-STD-461, IP67 Standards








CHALLENGE US: Enercon Technologies routinely succeeds where others have failed. Put us to the test with your next power solution project. We will deliver an exceptional product, backed by high-quality service, to satisfy the most difficult military application needs.



Ask us about our complete line of power and networking products.
Netanya, Israel • +972 73 246 9200 • sales@enercon.co.il
www.enercon.co.il

MILITARY COMBAT GROUND VEHICLES









POWER CONVERSION SOLUTIONS

MODEL	DESCRIPTION	INPUT	DIMENSIONS
 M7525	800W DC-DC POWER SUPPLY	18-48V EXT. OPTION: 12-100V	158.5mm X 117.86mm X 29.21mm 1kg
 M7019	100W DC-DC POWER SUPPLY	18-48V EXT. OPTION: 6-100V	82.8mm X 46.48mm X 18.29mm 134g
 M7027	500W DC-DC POWER SUPPLY	18-48V EXT. OPTION: 12-100V	134.87mm X 70.1mm X 20.57mm 400g
 M7029	300W DC-DC POWER SUPPLY	18-48V EXT. OPTION: 12-100V	95.25mm X 70.1mm X 20.57mm 300g
 M7338	600W DC-DC POWER SUPPLY	18-48V EXT. OPTION: 12-100V	155.19mm X 120.65mm X 17.78mm 510g

POWER MANAGEMENT SOLUTIONS

MODEL	DESCRIPTION	INPUT	DIMENSIONS
 M9517	16 CHANNELS, 200A & CANBUS COMMUNICATION INTERFACE	6-33VDC	259.08mm X 117.86mm X 24.13mm 1.5kg
 M9547	16 CHANNELS, 200A & ETHERNET COMMUNICATION INTERFACE	16-40VDC	293.12mm X 63.5mm X 158.75mm 4kg

NETWORKING SOLUTIONS

MODEL	PORTS/SPEED	L2/L3 ROUTING	INPUT	DIMENSIONS
 MILTECH 918	8 PORT X 1G ETHERNET	L2	24VDC (16 - 36VDC) 8W	100mm X 89mm X 36mm 390g
 MILTECH 908	8 PORT X 1G ETHERNET	L2	24VDC (18 - 32VDC) 7W	269mm X 132.9mm X 71.7mm 1.5kg
 MILTECH 910-PoE	8 PORT X 1G ETHERNET +POE	L2	24VDC (18 - 32VDC) 330W	269mm X 133mm X 71mm 1.2kg
 MILTECH 912	12 PORT X 1G ETHERNET	L2	24VDC (16 - 36VDC) 7W	178.1mm X 136mm X 47.1mm 1150g
 MILTECH 9012	12 PORT X 1G ETHERNET	L3	24VDC(18 - 70VDC) 13W	166.4mm X 144mm X 56mm 1.1kg
 MILTECH 9012C	12 PORT X 1G ETHERNET WITH CISCO ESR	L3	24VDC (18 - 72VDC) 25W	166mm X 144mm X 68mm 1.1kg
 MILTECH 9022	12 PORT X 1G 4 X 1/10G F/O ETHERNET	L3	24VDC (18 - 32VDC) OR 220VAC (90 - 230VAC) 20W	482mm X 242mm X 44mm 3.1kg
 MILTECH 9028	24 PORT X 1G 4 X 1/10G F/O ETHERNET	L3	24VDC (18 - 32VDC) OR 220VAC (90 - 230VAC) 30W	483mm X 284mm X 88.6mm 5.5kg

MILITARY COMBAT GROUND VEHICLES



POWER & NETWORKING SOLUTIONS

Enercon Technologies Europe products are designed to meet or exceed standard requirements defined in MIL-STD-1275, MIL-STD-461 and MIL-STD-810. Proudly serving the US ground vehicle industry, our power and networking solutions are designed to ensure consistent performance in harsh climates, varying temperatures, and unique shock & vibration conditions. With over 40 years of experience, our design engineers have the expertise to deliver light-weight power modules, PDUs, Ethernet switches, routers, and media converters that pass qualifications the first time. Our products consistently provide mission-ready performance for combat vehicles, and UGVs.

STANDARD POWER FEATURES

- SWaP (size, weight and power)
- Rugged mechanical design
- Wide DC input range: 6V-100V
- Experience in High Voltage Architectures (600VDC)
- Power management capabilities including communication interfaces
- PDU units feature Surge immunity of 100V
- Can be designed per sealed enclosure (IP67)
- Design to meet: MIL-STD-1275, MIL-STD-810, MIL-STD-704, MIL-STD-461 Standards

STANDARD NETWORKING FEATURES

- SWaP (size, weight and power)
- Rugged mechanical design
- VICTORY Architecture Compliant & Tested Solutions
- Layer 2 and Layer 3 capabilities
- Management capabilities
- The latest networking & security protocols
- PoE (power over Ethernet) support
- Design to meet: MIL-STD-1275, MIL-STD-810, MIL-STD-704, MIL-STD-461, IP67 Standards



CHALLENGE US: Enercon Technologies routinely succeeds where others have failed. Put us to the test with your next power solution project. We will deliver an exceptional product, backed by high-quality service, to satisfy the most difficult military application needs.








Ask us about our complete line of power and networking products.

Cham, 6330, Switzerland • +41-41-740-4554 • sales@enercon-europe.com


www.enercon-europe.com

MILITARY COMBAT GROUND VEHICLES









POWER CONVERSION SOLUTIONS

MODEL	DESCRIPTION	INPUT	DIMENSIONS
 M7525	800W DC-DC POWER SUPPLY	18-48V EXT. OPTION: 12-100V	158.5mm X 117.86mm X 29.21mm 1kg
 M7019	100W DC-DC POWER SUPPLY	18-48V EXT. OPTION: 6-100V	82.8mm X 46.48mm X 18.29mm 134g
 M7027	500W DC-DC POWER SUPPLY	18-48V EXT. OPTION: 12-100V	134.87mm X 70.1mm X 20.57mm 400g
 M7029	300W DC-DC POWER SUPPLY	18-48V EXT. OPTION: 12-100V	95.25mm X 70.1mm X 20.57mm 300g
 M7338	600W DC-DC POWER SUPPLY	18-48V EXT. OPTION: 12-100V	155.19mm X 120.65mm X 17.78mm 510g

POWER MANAGEMENT SOLUTIONS

MODEL	DESCRIPTION	INPUT	DIMENSIONS
 M9517	16 CHANNELS, 200A & CANBUS COMMUNICATION INTERFACE	6-33VDC	259.08mm X 117.86mm X 24.13mm 1.5kg
 M9547	16 CHANNELS, 200A & ETHERNET COMMUNICATION INTERFACE	16-40VDC	293.12mm X 63.5mm X 158.75mm 4kg

NETWORKING SOLUTIONS

MODEL	PORTS/SPEED	L2/L3 ROUTING	INPUT	DIMENSIONS
 MILTECH 918	8 PORT X 1G ETHERNET	L2	24VDC (16 - 36VDC) 8W	100mm X 89mm X 36mm 390g
 MILTECH 908	8 PORT X 1G ETHERNET	L2	24VDC (18 - 32VDC) 7W	269mm X 132.9mm X 71.7mm 1.5kg
 MILTECH 910-PoE	8 PORT X 1G ETHERNET +POE	L2	24VDC (18 - 32VDC) 330W	269mm X 133mm X 71mm 1.2kg
 MILTECH 912	12 PORT X 1G ETHERNET	L2	24VDC (16 - 36VDC) 7W	178.1mm X 136mm X 47.1mm 1150g
 MILTECH 9012	12 PORT X 1G ETHERNET	L3	24VDC(18 - 70VDC) 13W	166.4mm X 144mm X 56mm 1.1kg
 MILTECH 9012C	12 PORT X 1G ETHERNET WITH CISCO ESR	L3	24VDC (18 - 72VDC) 25W	166mm X 144mm X 68mm 1.1kg
 MILTECH 9022	12 PORT X 1G 4 X 1/10G F/O ETHERNET	L3	24VDC (18 - 32VDC) OR 220VAC (90 - 230VAC) 20W	482mm X 242mm X 44mm 3.1kg
 MILTECH 9028	24 PORT X 1G 4 X 1/10G F/O ETHERNET	L3	24VDC (18 - 32VDC) OR 220VAC (90 - 230VAC) 30W	483mm X 284mm X 88.6mm 5.5kg