



## HIGH VOLTAGE ARCHITECTURE FOR GROUND VEHICLES

Vehicle original equipment manufacturers (OEM) have attempted to keep pace with the end user's hunger for high electronic power-consuming systems on board. High output alternators, more powerful engines, more channels and capacity available on the power management system are implemented to support the growing demand. Understanding the Challenges and the architecture, Milpower Source offers a complete line of power solutions to support the high voltage vehicle electrification.

### DELIVERING:

- Product portfolio complying with MIL-PRF-GCS600
- Support to legacy systems requiring MIL-STD-1275
- HV PDU - 600VDC Power Distribution units (PDU)
- Complete range of DC to DC in various rates to support the different voltage demands
- BI directional bi-directional converter for 600VDC to 28VDC
- Rugged mechanical design
- Power management capabilities including communication interfaces

## POWER

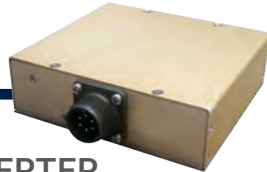
### M4244-105 SERIES 500W RUGGED DC-DC POWER CONVERTER

- Designed to meet MIL-STD-704, MIL-STD-1275, MIL-STD-810 and MIL-STD-461



### M6242-100 SERIES RUGGED HI-REL DC-AC INVERTER

- Designed to meet MIL-STD-461, MIL-STD-704, MIL-STD-810, MIL-STD-1275, MIL-STD-1399, RTCA DO-160, EN2282, MIL-DTL-901 and DEF Stan 61-5



### SOON TO BE RELEASED 600V RUGGED DC-DC POWER CONVERTER

- Designed to meet MILPRF-GCS600A, MIL-PRF, MIL-STD-810, MIL-STD-461



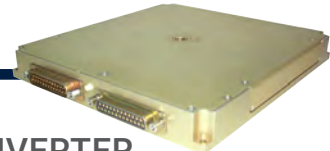
### M7420-105 SERIES 100W RUGGED DC-DC POWER SUPPLY

- Designed to meet MIL-STD-704, MIL-STD-1275, MIL-STD-810, MIL-STD-461



### M4252-100 SERIES RUGGED HI-REL DC-AC INVERTER

- Designed to meet MIL-STD-461, MIL-STD-704, MIL-STD-810, MIL-STD-1275, MIL-STD-1399, RTCA DO-160, EN2282, MIL-DTL-901 and DEF Stan 61-5



## PDU

### SOON TO BE RELEASED M9614 8 CHANNEL, 80A, HIGH VOLTAGE POWER DISTRIBUTION UNIT

- Designed to meet MIL-PRF-GCS600

