

### Features & Benefits

- Rugged Module for Military Applications
- High Efficiency, High Power Density
- Fully Isolated and Redundant Dual Output
- Wide Input Voltage Range
- Programmable Output Voltage and Current
- Droop Current Sharing & Internal ORing Diode
- Multiple Units in a Redundant or Parallel System
- RS-485 Communication
- Input Under Voltage Protection
- Input/Output Over Voltage Protection
- Short Circuit Protection
- Over Temperature Protection
- Reverse Battery Protection
- Forced Air Cooled

### Compliance

Module is designed to meet:

- MIL-STD-461G
- MIL-STD-704F
- MIL-STD-810G
- MIL-STD-1275E

### Typical Applications

- Military/Defense Power Systems
- Armored Vehicles
- Land Platforms
- Communications and Radar Systems

Product Ratings	
V <sub>IN</sub>	250 - 425 V
V <sub>IN_NOM</sub>	270 V
V <sub>OUT</sub>	28 V (two channel)
I <sub>OUT_CHANNEL</sub>	90 A (per channel)
P <sub>OUT_CHANNEL</sub>	2520 W (per channel)
P <sub>OUT_TOTAL</sub>	5040 W

### Product Description

KMPS09 is a dual channel and rugged power supply to keep you running in many tough military applications. It generates well-regulated 28 V output when connected into a nominal 270 V input.

Power supply's outputs are fully isolated from each other and input. Each channel contains its own EMI filter, cooling fans and communication interface.

An isolated DC/DC converter delivers power to all types of military loads using the state-of-the-art interfacing components. KMPS09 is fully protected against all kinds of faults and disturbances providing reliable operation in the field.



**Size:** 340 × 370 × 87.5 mm  
**Weight:** 13 ± 0.5 kg