

Features & Benefits

- Rugged Unit for Military Applications
- Input Voltage Range: 20-33 V
- EMI Filter Included
- Isolated Power Supply
- Inter-channel isolation
- Switchable Low Power Outputs
- Internal ORing Diode
- RS422 Communication
- Temperature Sensor
- Input Under Voltage Protection
- Input/Output Over Voltage Protection
- Input Over Current Protection
- Short Circuit Protection
- Over Temperature Protection
- LED Indicators
- Forced Air Cooled
- Grounding Interface

Compliance

Module is designed to meet:

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

Typical Applications

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

Product Ratings	
V_{IN}	20–33 V
V_{IN_NOM}	28 V
V_{OUT}	28 V (16 channel)
$I_{OUT_CHANNEL}$	11 A (per channel)
$P_{OUT_CHANNEL}$	300 W (per channel)
P_{OUT_TOTAL}	4800 W

Product Description

KMPS16 is a multi-channel and rugged power supply to keep you running in many tough military applications. It generates well-regulated 28 V output with a range up to 32 V when connected into a nominal 28 V input.

Power supply consists of 16 channels which are capable of providing total of 300W isolated power from main and switchable low power outputs. These channels are both isolated from input and each other. Switchable low power output and main output are internally connected to same power converter.

This isolated DC/DC converter delivers power to all types of military loads using the state-of-the-art interfacing components. KMPS16 is fully protected against all kinds of faults and disturbances providing reliable operation in the field.



Size: 390 x 390 x 237 mm

Weight: 40 ± 1 kg