

Features & Benefits

- Isolated DC/DC Rugged Module
- EMI Filter Module is included
- Communication Capability
- 90% Efficiency at Full Load
- Input Under/Over Voltage Lockout
- Input Phase Reversal Protection
- Output Over Voltage Protection
- Output Short Circuit Protection
- Output Over Load Protection
- Thermal Shutdown
- Remote ON/OFF Control
- Output Voltage Remote Sense
- Output Voltage Trim Range +10%, -40%
- Baseplate Cooled

Compliance

Converter is designed to meet:

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

Typical Applications

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

Product Ratings	
V _{IN}	18 – 40 V
V _{OUT}	12 V
I _{OUT}	25 A
P _{OUT}	300 W

Product Description

KMRM01-DC28-P300-DC12-CM is a 300 W DC/DC converter in rugged module that operates from nominal 28 V input and generates 12 V isolated output. It is designed to meet MIL-STD-461G EMI requirements with the built-in EMI filter module and has superior noise and ripple performance. Converter is fully protected to operate reliably under all kinds of disturbances. Casing is creatively designed to provide efficient cooling to facilitate reliable operation up to 100 °C base plate temperature.



Size: 100 x 80 x 23.4 mm
[3.94" x 3.15" x 0.92"]

Weight: 340 ± 20 g