

### Features & Benefits

- Wide Operating Temperature Range: -55 °C to 85 °C
- SOSA Aligned ANSI/VITA 62.0 Compliant
- High Efficiency, High Power Density
- EMI Filters Included
- Up to 300 W Power on Isolated 12 V Primary Output
- Up to 33 W Power on Isolated 3.3 V Auxiliary Output
- Fixed Switching Frequency
- Droop Current Sharing & Internal ORing Diode
- Multiple Units in A Redundant or Parallel System
- IPMI Communication
- Input Under Voltage Protection
- Input/Output Over Voltage Protection
- Short Circuit Protection
- Over Temperature Protection
- Baseplate Cooled

### Compliance

Module is designed to meet:

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

### Typical Applications

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

Product Ratings	
V <sub>IN</sub>	12 – 70 V
V <sub>OUT</sub>	12 V
I <sub>OUT</sub>	25 A
P <sub>OUT</sub>	300 W

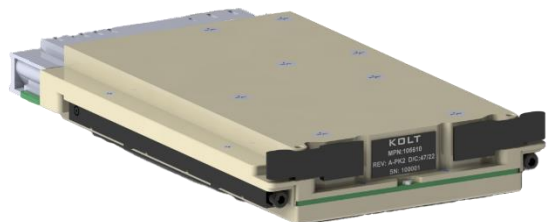
### Product Description

This configurable power board designed to meet the unique and challenging environmental requirements of defense applications. This VPX Board with 3U form factor delivers up to 300 W power with high efficiency.

Wide input voltage range allows VPX power supply to comply to both SOSA and MIL-STD-1275 standards.

Hi-Rel VPX power supply can operate without failure under extremely harsh conditions which is crucial for Military applications.

Available with short time delivery and custom configurations, the KOLT VPX is ready for most demanding military applications.



Size: 168 × 100 × 25.4 mm