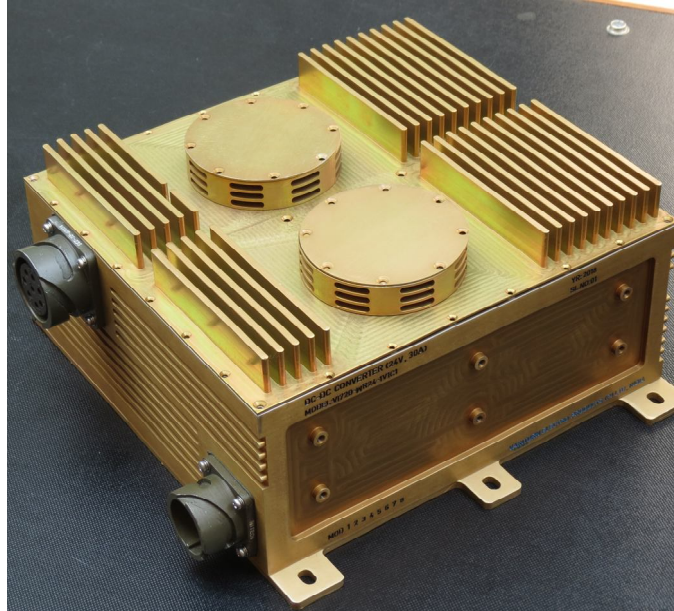


## DC-DC CONVERTER

Rev: 00, Mar 2018, [www.variturndefence.com](http://www.variturndefence.com)

24V, 30A, 720W



Size : 9.45 x 9.45 x 4.36 inches (240 x 240 x 110.9mm)

### Key Features:

- Wide input range: 100 to 400 VDC.
- Output : 24VDC.
- High Efficiency.
- Very low ripple and noise.
- < 0.6 % of line regulation
- < 1 % of load regulation
- < 100mVp-p of ripple.
- < 250mVp-p of noise.
- Fixed frequency switching operation.
- Isolated.
- UVLO (Under Voltage Lock Out).
- OVLO (Over Voltage Lock Out).
- Reverse polarity protection.
- Short circuit protection.
- Over Temperature Shutdown.
- -10<sup>o</sup> to +55<sup>o</sup>C operation.
- Compact in size.
- **Meets MIL-STD-461E (EMI/EMC)**
- **Meets JSS 55555 (Environmental)**

### Description:

These series of DC/DC converters are available in Customized package and Model: VI720-WR24-1V1C1 is capable of driving up to 750W. These DC/DC converters can accept an input voltage rail between 100VDC and 400VDC and delivers a constant output voltage.

No external capacitors/ resistors required and it has reliable and robust design with following protection features: Reverse polarity protection, UVLO, OVLO, Output short circuit , Over Temperature Shutdown.

### Applications:

- Industrial power supplies.
- Telecommunication systems.
- Military.
- Navy.
- Submarine.
- Ruggedized systems.

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