

DC-DC CONVERTER

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Key Features:

- 9 to 72 V input.
- Efficiency up to 95.6%
- Fixed frequency switching.
- Inhibit function.
- Isolated.
- UVLO
- Short circuit protection with auto recovery.
- Over Temperature Shutdown.
- -40° to +85°C operation.
- Compact in size.
- Customized.

Applications:

- Industrial power supplies.
- Automotive.
- Telecommunication systems
- DC– DC Conversion.
- Point of Load Conversions.
- High thermal requirement applications.
- Military.
- Defence.

Description:

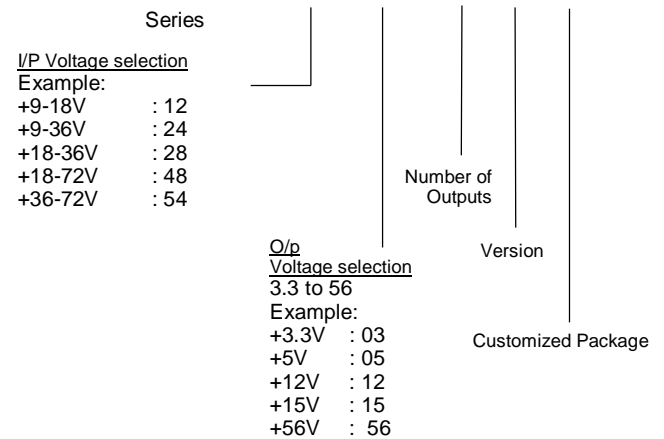
VI300 Series DC/DC converter is an easy-to-use step-down DC-DC solution capable of driving up to 300W. These series of DC/DC converters are available customized package. The VI300 Series DC/DC converters can accept an input voltage rail between 9V and 72V and delivers a constant output voltage depending on model.

No external capacitors/ resistors required. VI300 Series DC/DC converter has reliable and robust design with following protection features:

1. UVLO.
2. Output short circuit protection with auto recovery.
3. Over Temperature Shutdown.

Model selection:

VI300-XXYY-ZV1C1



Examples for Model selection:

Model	Input voltage	Output voltage
VI300-4805-1V1C1*	18-72VDC.	+5VDC
VI300-4812-1V1C1*	18-72VDC.	+12VDC
VI300-4824-1V1C1*	18-72VDC.	+24VDC
VI300-2403-1V1C1*	9-36VDC.	+3.3VDC
VI300-2412-1V1C1*	9-36VDC.	+12VDC
VI300-2418-1V1C1*	9-36VDC.	+18VDC
VI300-2448-1V1C1*	9-36VDC.	+48VDC
VI300-5403-1V1C1*	36-72VDC.	+3.3VDC
VI300-5405-1V1C1*	36-72VDC.	+5VDC

* For detailed datasheet please consult factory (info@variturn.com)

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