

VTC125i-6-12 Series DC/DC Voltage Converter



A product of:



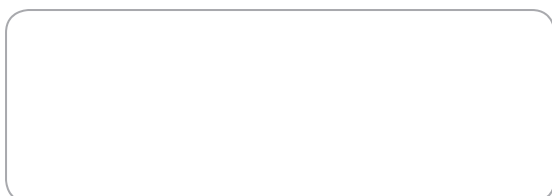
Benefits

- Ultra-Quiet
- Convection cooled, no noisy fan
- Power sensitive electronics without interference
- Rugged & Reliable
- Ensure years of safe and trouble free operation

Specifications (Specifications Subject to Change Without Notice)

Input Volts	5 – 8 VDC
Input Amps	35 max
Output Volts	13.6 +/- 0.05 VDC
Output Amps	0 – 10 Amps Continuous, 12 Amps Maximum
Output Crowbar	16.0 +/- 0.5 VDC
Transient Response	< 1V for 50% Surge (Output Amps/2)
Efficiency	> 85 % @ maximum output
Temp. Range	0 to 40 deg. C @ maximum output
Isolation	500VDC Input to Output, Input or Output to Case
Dimensions	7.9 x 6.0x x 2.4 in / 20.1 x 15.2 x 6.1 cm
Clearance	1 Inch (2.5 cm) all around
Material	Marine Grade Aluminium
Finish	Black Anodize / Black Powder Epoxy
Fastenings	18-8 Stainless
Weight	4.0 lb / 1.8 kg

Available from:



DC/DC Converters

VTC125i Series (isolated)

Description

The VTC125i-6-12 is a voltage converter that connects to the 6 volt battery of a vintage vehicle (or any other 6V source) and steps it up to 12 volts for running radio's, cd players or any other 12 volt device.

The VTC125i-6-12 provides 10 amps of 12 volt power, sufficient for almost any application.

Full electrical isolation is provided between input and output so the unit is compatible with positive or negative ground 6 volt systems. The output can be set to positive or negative ground simply by connecting the appropriate output to the vehicle chassis.

The high efficiency switchmode design draws only the amount of power required by the 12 volt device from the 6 volt battery. Very little energy is wasted by the converter. The unit can be set so it is off when the key or ignition is off so it doesn't draw any power from battery unless the engine is running.

RIPEnergy®

The power conversion company

RIPEnergy AG
Talstrasse 2
CH-8702 Zollikon
Switzerland

Ph +41-(0)43-818 53 85
Fax +41-(0)43-818 53 87
www.ripenergy.ch