

Mounting the Unit

The recommended way of mounting is to screw the unit to a wooden surface using the #4 wood screw included. Be careful not to trap any wires underneath the unit.

Limited Warranty

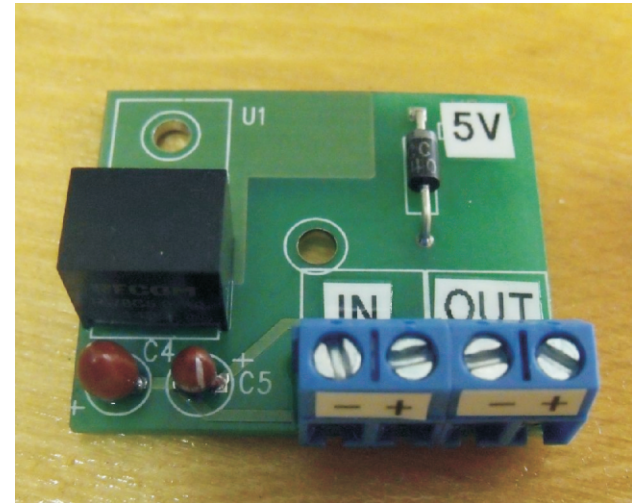
This product is warranted against defects in parts or workmanship for a period of 1 year from date of purchase. EA Electronics does not assume any liability arising out of the use of this product.

This warranty is void if the product has been physically damaged or has been connected to a power source with the positive and negative wires reversed or operated above the maximum voltage. Any user modifications to the unit will void this warranty.

Technical Support

Contact us by E-MAIL: email@eaelec.com

EA Electronics
71 Smith Ave., Truro, NS
Canada B2N 1C5
E-MAIL: email@eaelec.com



VRS-5V USER'S MANUAL

VRS-5V

Voltage Regulator / Battery Eliminator
With 5 Volt Output

Made in Canada by:
EA Electronics
71 Smith Ave., Truro, NS
Canada B2N 1C5
www.eaelec.com

Introduction

The VRS-5.0 is a switching voltage regulator / battery eliminator with a fixed 5 volt output. The VRS-5.0 can deliver up to 1 amp output.

VRS-5.0 Specifications

Input voltage range: 8 to 28 volts DC.

Output voltage: 5 volts (+ or - 5%):

Max Output current: 1 amp

Short-Circuit current protection and thermal cutoff

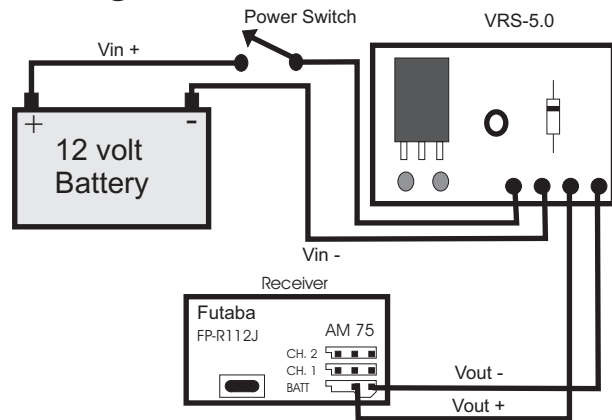
Reverse battery protection

One year limited warranty.

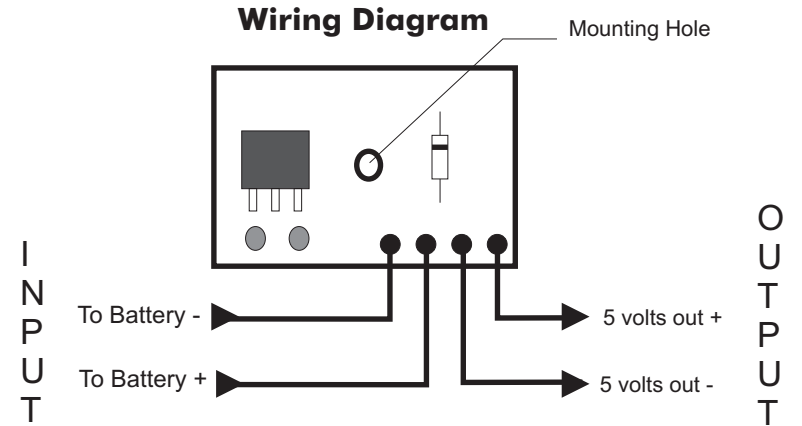
Size:

1.4" x 1.32" x 0.5"
35mm x 33 mm x 8 mm.

Typical Application:
Running RC receiver From a 12 volt battery

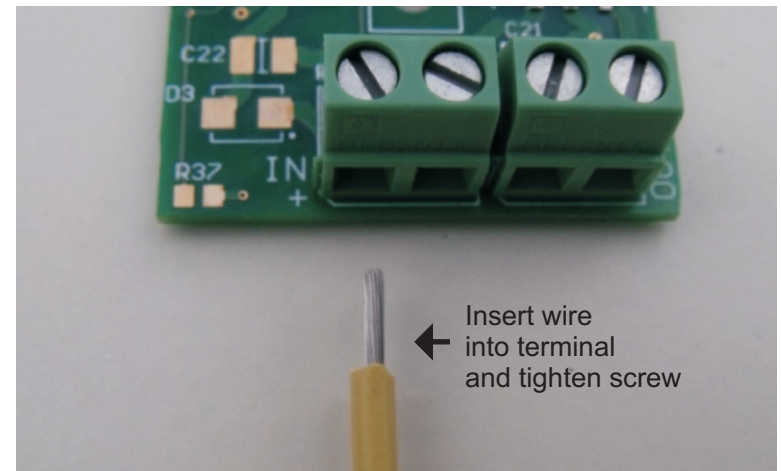


Wiring Diagram



Connecting the VRS

The VRS is equipped with screw terminals for easy wire connection. The screw terminals are designed to accept wire from 22 gauge up to 14 gauge. To connect a wire, first strip off about 1/4 inch (5 mm) of insulation and insert the stripped end of the wire into the terminal (as show below), then tighten the screw.



Operating Limitations

Input Voltage - if the input voltage drops below 8 volts, the regulator may not function properly, i.e. the device will shut down and will not restart unless input voltage exceeds 8 volts. Operating the unit at input voltages about 28 volts can damage unit.