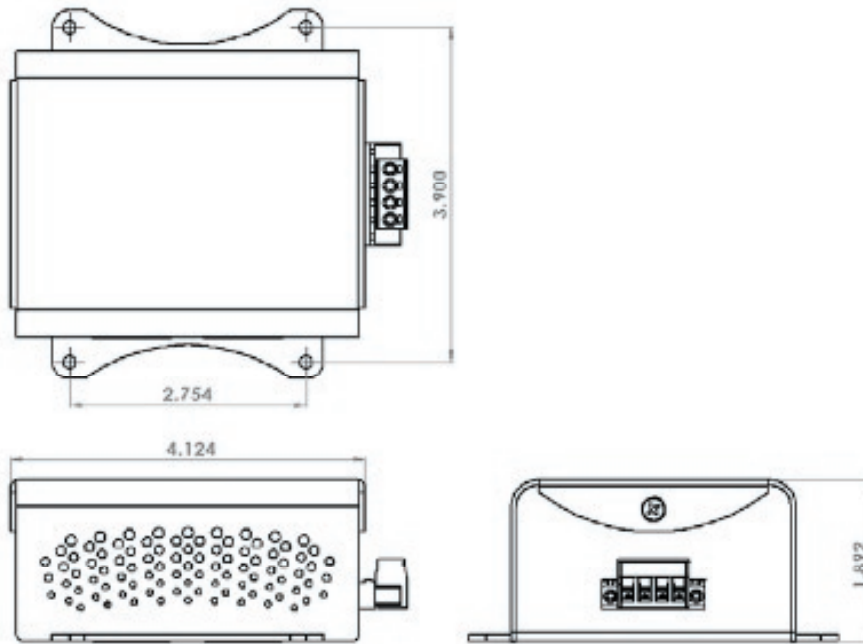




## Mechanical Diagram



## Specifications ( Specifications Subject to Change Without Notice)

### Electrical (Input)

<b>Input Volts (DC)</b>	32	48	72
<b>Actual (Vdc)</b>	♦ 20 – 45	40 – 65	65 – 100
<b>Input Amps (max)</b>	5.4	2.7	1.7
<b>Input Fuse (MDA)</b>	6	4	3
<b>Noise on Input</b>	< 10 mV		

♦ 30 - 45 Vdc input range for a 24Vdc output

### Environmental Specifications

<b>Operating Temp. Range</b>	-40° to +55°C @ maximum output Derate Linearly 2.5% per °C from 40°C
<b>Humidity</b>	0 - 95% Relative Humidity (non-condensing) with optional conformal coating
<b>Audible Noise</b>	NONE Ødb @ 3 ft
<b>Typical Service Life</b>	> 10 yrs. (87,600 hrs)
<b>Isolation</b>	Any Input or Output to Case 1500 VDC Input to Output – Common Negative

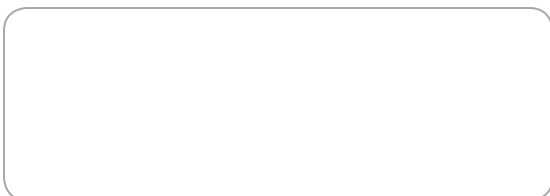
### Electrical (Output)

<b>Output Nominal (op)</b>	12	24
<b>Output Volts (DC)</b>	13.6	27.2
<b>Output Crowbar</b>	16.0 ± 0.5V	32.0 ± 1.0 V
<b>Output Amps</b>	5.3 cont. / 6.5 peak	2.6 cont. / 3.25 peak
<b>Output Ripple &amp; Noise</b>	< 10 mV	
<b>Transient Response</b>	< 1V for 50% Surge	
<b>Regulation (Line &amp; Load)</b>	< +/- 0.5%	
<b>Duty Cycle</b>	Peak 20% for 10 min maximum Continuous 100% for 24 hours per day	
<b>Efficiency</b>	> 88% @ Maximum Output	

### Mechanical Specifications

<b>Length</b>	10.5 cm
<b>Width</b>	10.9 cm
<b>Height</b>	4.9 cm
<b>Material</b>	Marine Grade Aluminium
<b>Finish</b>	Black+Red Anodize / Powder Epoxy Coat
<b>Fastenings</b>	All 18-8 Stainless Steel
<b>Weight</b>	0.28 kg
<b>Connections</b>	Pluggable 4 position contact terminals
<b>Warranty</b>	2 years

Available from:



# RIPEnergy<sup>®</sup>

The power conversion company

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