

## ***Press Release***

# **GAIA Converter 200W DC:DC Converters Offer New Heat Dissipation Path and Ultra Wide Input Range 7:1**

**November 2010** – GAIA Converter, the specialist high reliability power converter manufacturer, will introduce at Electronica 2010 a state of the art 200 watt output DC:DC converter family featuring 'Heat Path on Side' cooling, redefining power converter heat dissipation.

The majority of DC:DC converters available in the market dissipate heat via a top mounted heatsink. The new GAIA Converter 200W series has been optimized to allow heat dissipation on the side enabling cooling to take place alongside electronic circuit boards, removing the need for a heatsink, reducing system weight and profile and simplifying mechanical assembly.

The GAIA Converter 200W series has been designed to address power requirements in the range of 200W to 1KW in high reliability applications by offering high efficiency, up to 91%, and simple power sharing without extra components.

GAIA Converter 200W series features ultra wide input ranges of 9-60Vdc, 12-100Vdc and 33-180Vdc allowing multi-battery easy use. A choice of single standard output voltage is available typically 3.3, 5, 12, 15 or 24Vdc.

The GAIA Converter 200W series also offers a wide output voltage trim range of 10%/110%. This allows users to adjust the output over a wide range of non standard outputs for operation as a current source for battery charging and LED lighting systems etc.

The GAIA Converter 200W series is housed in a compact package measuring just 73.7x48.3mm (2.9x1.9") with a height of just 12.7mm (0.5").

All GAÏA converters are designed and manufactured in-house in France using fully automated manufacturing and test equipment. GAÏA Converter have offices in France, Germany and the USA and distributors worldwide. For further information visit [www.gaia-converter.com](http://www.gaia-converter.com), email [info@gaia-converter.com](mailto:info@gaia-converter.com) or call +(33).5.57.92.12.80

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**Editors note: Attached image shows the GAÏA Converter 200W DC:DC converters**

### **About GAÏA Converter**

GAÏA Converter was created in the early 1990's. Since that time the company has developed one of the most comprehensive ranges of modular power components in the electronics market place. GAÏA Converter has also brought to the market its now well established concept of Modular Power Architecture simplifying the design of complex power supplies. With more than 3,500 standard power component references serving the industrial, transportation, aerospace and military markets, GAÏA Converter is recognised as one of the world leaders of "power module" solutions.

### **For more information contact**

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