



## Vicor Introduces 98% Efficient VI BRICK™ Bus Converters with 75V Input Transient Capability

*Interactive selection tool enables power designers to select more efficient IBCs.*

Andover, MA, July 13, 2011...Vicor Corporation (NASDAQ: VICR) today announced its IBC054 Series of wide-input range [VI BRICK Bus Converters](#). Available as drop-in upgrades for industry standard 5:1 and 4:1 converters, these eighth and quarter bricks achieve up to 98% efficiency from a 36V to 60V input voltage range at power levels from 300W up to 750W, with 2,250Vdc isolation from input to output. This series of bus converters offers a transient surge capability of 75 Vin for 100 mS for Telecom, Power-over-Ethernet and other applications.

“Vicor’s Sine Amplitude Converter™ technology enables wide input range operation, high efficiency and density bus converters in pin-compatible brick packages, says Robert Marchetti, Senior Manager of Product Marketing for Vicor’s Brick Business Unit. “Designers can now select from a broader range of products for their specific applications.”

Vicor’s Sine Amplitude Converter topology is the engine behind the broadest product line of high input voltage bus converters and low output voltage current multipliers. This patented technology offers higher performance than obsolete “square wave” bus converters, which are fundamentally limited by switching losses to low operating frequencies, low power densities and low bandwidth. Learn more from [a technical video and whitepaper on Sine Amplitude Converters](#).

A [Cross Reference Selection Tool](#) enables users to quantify the opportunity to increase the efficiency and power density of their IBA power system. Power designers who wish to upgrade to a high-efficiency VI BRICK Bus Converter can use [the online tool](#) to identify the most appropriate option(s). A simple interface, searchable by manufacturer or part number, enables users to search Vicor’s IBC bricks, quantify relative power savings and select a more efficient product.

The IBC Series bus converters are priced at less than \$0.10 per Watt in OEM quantities. For datasheets and additional information on Vicor DC-DC and AC-DC power products, please visit the Vicor website at [www.vicorpower.com](http://www.vicorpower.com). To order, contact Vicor Customer Service at 800-735-6200 or email [custserv@vicr.com](mailto:custserv@vicr.com).

### About Vicor Corporation

Vicor Corporation designs, develops, manufactures and markets modular power components, power management and complete power systems based upon a portfolio of patented technologies. Headquartered in Andover, Massachusetts, Vicor sells its products primarily to customers in the higher performance, higher power segments of the power systems market, including aerospace and defense electronics, enterprise and high performance computing, industrial equipment and automation, telecommunications and network infrastructure, and vehicles and transportation markets.

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Contact:

Iris Kimber  
Vicor Corporation  
978-749-3396  
[ikimber@vicr.com](mailto:ikimber@vicr.com)

Perrin McCormick  
HBAgency  
781-893-0053  
[pmccormick@hbagency.com](mailto:pmccormick@hbagency.com)

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