

Non-Isolated Wide Input Range and Adjustable Output Voltage DC/DC Converter

Taipei, Taiwan, Jul, 2018 – Delta Electronics, Inc., a world leader in power systems technology and manufacturing, has introduced a new and innovative addition of H60SB0A050, a non-isolated DC-DC converter for applications where a regulated output voltage (adjustable) is needed from a widely varied input voltage source. With its 98% conversion efficiency, efficient DC to DC voltage conversion for output power up to 3000W can be achieved. Also a battery charging circuit can be implemented by utilizing the adjustable output current limiting function of H60SB0A50.



H60SB0A050 provides a single output voltage which is adjusted over a wide range (0-60Vdc). The input voltage range is 9-60Vdc, and the output current is up to 50A. The peak efficiency of this standard half brick DC-DC converter is up to 98%.

The H60SB0A050 DC-DC converter comes with a host of industry-standard features, such as over-current protection, over-temperature protection, input UVP, pre-bias startup input reverse polarity protection. It can be connected in parallel application for higher output power without external oring-fet. It is suitable for battery charging, optical transport, data networking, server and communication applications.

For more information about industrial compact DC/DC Power Converters, please visit:

www.deltaww.com/dcdc