

## DELTA ELECTRONICS INTRODUCES THE V48SC 1/16<sup>th</sup> FAMILY INTO THEIR BOARD MOUNTED DC/DC POWER CONVERTERS

Delta Electronics, Inc., a world leader in power systems technology and manufacturing, has introduced the newest and one of the most innovative additions to their Board Mounted DC/DC Power Converters... the V48SC, a high power density 1/16th power converter family with the most cost competitive design. The footprint and pinout of the converters follow the DOSA industry standard (1.30"x0.90"x0.37").



The V48SC, a 48V input, single output, isolated DC/DC converter, provides up to 100W of output power. It operates from an input voltage of 36V to 75V and is available in 3.3V, 5V and 12V output voltages. For each output voltage, there are different output current levels to suit customer's requirement (15A, 20A and 25A for 3.3V output; 13A, 17A and 20A for 5V output; 7.5A for 12V output). With optimized component placement and innovative design topologies created by Delta's World Wide Engineering Teams, V48SC converter delivers not only outstanding electrical and thermal performance but possesses industry leading efficiencies which translate into more board space at less cost for our customer's space constrained and cost-sensitive applications. Typical efficiency modules at full load is more than 90%.

The V48SC converter comes complete with a host of industry-standard features to insure that this unit will reliably perform in the harshest environments. All modules are fully protected against abnormal input/output voltage, current, and temperature conditions. V48SC modules can also offer monotonic startup into normal or pre-biased loads.

Please contact us for the sample availability of V48SC series converter. Standard lead-time for this product is from stock to 8 weeks, depending on output and volume.

For more information about Delta's Board Mounted DC/DC Power Converters, please visit:  
[www.deltaww.com/dcdc](http://www.deltaww.com/dcdc)