DC-DC Converter Series Offers a a 9-36 VDC and 18-75 VDC input range

Calex Mfg. Co., Inc. announces the 400 Watt FBW DC/DC Converter Series. The FBW Series offers an industry first, a 9-36 VDC and 18-75 VDC input range in a 4.6" x 2.4" x 0.55" high package. The wide input range provides an ideal solution for industrial and military COTS applications which have a wide input voltage requirement. Examples include mobile 12 and 24V battery applications. The FBW is housed in a metal case and encapsulated with a thermally conductive potting compound for improved thermal characteristics as well as protection against the environment. Efficiencies run as high as 93% reducing the need for heatsinking or forced air. Threaded through holes are provided in the case for the attachment of a heatsink for extended temperature applications. The case operating temperature of the FBW is -40 to 100C.

The output voltages available are 5, 12, 24, 28 and 48VDC. The FBW offers output voltage remote sense and trim. The output voltage trim range is -25 to +10%. All models are isolated input to output and from the case. The input to output isolation voltage is 1544VDC. The case can be grounded to either the input or output ground, depending on system requirements. The FBW also offers ON/OFF for minimal current drain during system down-time. Options include positive ON/OFF logic and negative ON/OFF logic. All models include input undervoltage lockout and input reverse voltage protection. On the output, protection is provided through overvoltage protection, pulse-by-pulse current limiting and overcurrent protection. Thermal protection is provide through thermal overtemperature shutdown with auto restart. Units are available with both RoHS and non-RoHS construction.

All FBW models are backed by Calex's Five Year Warranty. Contact the factory for lead time and pricing. For more information on the FBW Series, go to

www.calex.com/pdf/fbw.pdf [1] or contact Calex at 800-542-3355/925-687-4411 (phone), 925-687-3333 (fax), sales@calex.com [2]. Calex's corporate headquarters are located at 2401 Stanwell Drive, Concord, California, 94520 USA. Calex has manufacturing facilities in Concord California as well as Tijuana Mexico.

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[1] http://www.calex.com/pdf/fbw.pdf
[2] mailto:sales@calex.com