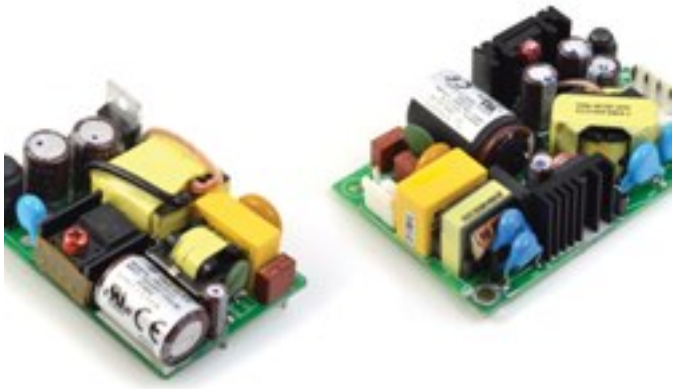
High Efficiency Medical Power Supplies



TUALATIN, Ore. – November 30, 2011 – CUI Inc [1] announced an addition to its high density, high efficiency VMS medical power supply portfolio with the release of three new series ranging from 20 W to 60 W. The units are compact, with footprints measuring 2.38 x 1.60”, 3.00 x 2.00”, and 4.00 x 2.00” for the 20 W [2], 40 W [3], and 60 W [4] models respectively. The VMS series is designed to be used in a wide variety of medical and dental applications, carrying UL/cUL and TUV 60601-1 safety certifications and EN55011 class B EMI compliance. Featuring no-load power draw of less than 0.5 W and efficiency up to 90%, the series is also designed for applications seeking to reduce stand-by and overall power consumption.
The VMS series offers universal input (90-264 Vac) and is available in 7 output voltage models ranging from 3.3 to 48 Vdc. The series can operate from 0° to 50° C at full load, derating linearly to 50% load at 70°C. Features of the VMS series include over-voltage and short circuit protections.

“The VMS-20, 40 and 60 series are the latest release in what will be a quickly expanding medical power portfolio for CUI,” stated Kraig Kawada, CUI’s Director of Product Management. “We intend to merge the latest in green power technology with the exacting design requirements of our medical customers to develop a range of cutting-edge products specifically for this rapidly growing field,” concluded Kawada. The VMS series is available immediately through Digi-Key [5] with prices starting at $23 per unit for 100 pcs. Please contact [6] CUI for OEM pricing.

About CUI Inc
CUI Inc is a technology company dedicated to the development, commercialization, and distribution of new, innovative electro-mechanical products. Over the past 20 years, CUI has become a recognized name in electronic components worldwide in the areas of power, interconnect, motion control, and sound. CUI’s solid customer

commitment and honest corporate message are a hallmark in the industry. CUI is a wholly-owned subsidiary of CUI Global, Inc. For more information, please visit www.cui.com [1].

Posted by Sean Fenske, Editor-in-Chief, MDT

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