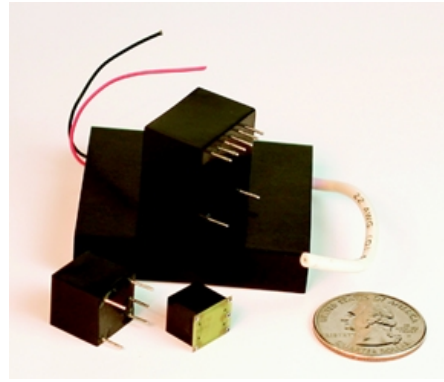


HVM TO EXPAND LINE UP OF ULTRA-MINIATURE HIGH VOLTAGE CONVERTERS

Specialized High Voltage Manufacturer Continues to Push the Limits of High Voltage Miniaturization

NEW BRAUNFELS, TX, August 16th 2010 –

HVM Technology, Inc., a leading designer and manufacturer of miniature high voltage products, announces plans to add two new standard product families to their line-up of high performance ultra-miniature high voltage DC to DC converters.



The two new product lines, the SMHV Series and the nHV Series, are intended to compliment HVM's popular UMHV Series, currently in full production at their manufacturing facility in New Braunfels, TX.

The [SMHV Series](#) is a family of sub-miniature (0.85"L x 0.85"W x 0.6"T), one-watt, single-output high voltage dc to dc converters with models up to 10kV. The SMHV Series offers high end performance features found in larger power supplies, such as voltage and current monitor outputs, output current limiting, and an enable/disable pin. Intended for direct through-hole pc board mounting, the SMHV Series boasts extremely low output ripple, tight load and line regulation of less than 0.1%, high impedance analog control interface, and extremely low input current (10mA typical at full rated output at no load). The SMHV Series will be available in 5V or 12V input options and the operating temperature range is -55°C to +70°C.

The [nHV Series](#) (also known as the "nano Series") represents a major advancement in high voltage miniaturization. The nHV Series is a family of extremely small (0.45"L x 0.35"W x 0.37"T), 100mW, single output high voltage dc to dc converters with models up to 2kV. Offering the designer an unprecedented space saving high voltage solution, the nHV Series features surface mount construction, allowing the designer to take full advantage of opposite side of printed circuit board. Tight regulation and low ripple make the UMHV an ideal solution for high precision detector applications. High impedance analog control interface and fixed supply voltage input are standard features of the nHV and the operating temperature range is -55°C to +70°C.

"We are very excited about these new high voltage products", says Michael Saldana, President of HVM Technology, Inc. "We feel that the SMHV and nHV Series, together with our already popular [UMHV Series](#), offer a well rounded set of miniature high voltage solutions for the designers of today's high performance equipment. Our customers have spoken and we are responding with the development of these new products."

The UMHV Series, currently in production, is a family of ultra-miniature, half-watt, single-output dc to dc converters with models up to 5kV output, having overall dimensions of 0.5" x 0.5" x 0.5". A high impedance control pin makes the UMHV Series especially easy to use compared to other products on the market in this size range, making it possible for direct control from an op-amp, DAC or other low power devices. Output voltage is independent of the input power voltage and is directly proportionally to the voltage applied to the control pin. Additionally, the high efficiency conversion topology of UMHV offers the advantage of extremely

low input current at light loads, which is typically one tenth of the input current of the competition, making it ideal for battery powered applications. The UMHV operates directly from 5V input and custom designs are available.

HVM's expertise in creating extremely small high voltage solutions originates from its origins in the night vision industry. HVM's flagship product line is a family of high performance night vision power supplies having a distinct set of size, performance, and reliability characteristics that are at the extreme limits of high voltage miniaturization. "Our experience in the field of night vision power supplies has allowed us to bring some uniquely small high voltage solutions into other markets", says Saldana. "The SMHV and the nHV Series, along with the UMHV Series clearly demonstrate our commitment to enabling our customers to push their designs to the next smaller level."

HVM Technology, Inc. is a leading producer of standard and custom high performance miniature high voltage power converters and other high voltage products for a wide variety of military, scientific, aerospace, analytical, and bio-medical applications. HVM Technology was established in 2004 as a producer of specialized multi-output high voltage dc to dc converters used in night vision image intensifiers. Their unique capabilities have enabled HVM to quickly become an industry leader in the field of high voltage microelectronics, enabling customers to take their newest technologies to the next smaller level and to stay competitive in today's world marketplace. Headquartered in New Braunfels, TX, HVM Technology is a Certified Small Disadvantaged Business.

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