

Triad's Medical-Grade Power Transformers Offer 4KV Isolation, Low-Voltage Step-Down

UL-approved VPM Series integrate medical-grade isolation with step-down output; toroidal construction with flux band provides additional shielding and reduces stray fields; Class F insulation with resettable over-temperature protection enhances reliability; power ratings cover both product and system applications

Perris, CA—October 22, 2015— Triad Magnetics, a leading manufacturer of magnetic components for medical, industrial, commercial and aerospace applications, introduces the [VPM Series of medical-grade toroidal isolation transformers](#) offering both 4KV of dielectric isolation and low-voltage step-down. The VPM Series' single-transformer solution leads to fewer parts and higher efficiency than the typical space- and-time-consuming solution of using an external 1:1 isolation transformer to safely power a non-medically rated electrical instrument or machine.

The UL recognized VPM series are rated from 25VA to 10KVA, 50/60Hz. Their shielded toroidal construction with flux band reduces stray fields while minimizing size and increasing efficiency compared to the more traditional, less efficient EI transformers. Additionally, they are offered with resettable over-temperature protection. 3D models are available for all VPM transformers, enabling users to check each unit's fit in drawings, thereby saving time and money.

VPM Series 25VA-2.5KVA VPM transformers come with input taps for 100V, 120V, 220V and 240Vac. Models are offered with voltage outputs of 6, 9, 12, 15, 18, 24, 30, 36, 48 or 120Vac. The many voltage choices are available for these smaller-sized transformers because they are more likely to go into a piece of equipment, which eliminates the need an additional bulky isolation transformer.

The larger 3000 to 10000VA VPM transformers can be used to power several pieces of equipment that require an input of 120 or 240VAC (the output of the VPM transformer). The input to these transformers are 208VAC or 240VAC.

“Our new VPM Series transformers' unique combination of 4KV dielectric isolation and low voltage step-down can simplify medical designs while making them more efficient,” said Triad's CEO, Bill Dull. “And although these high-performance power transformers have medical UL approval, their additional

shielding, flux band, primary fusing and 155C (Class F) temperature rating also make them suitable for high-end audio equipment, test equipment, industrial and other applications that require high efficiency and reliability.”

The VPM series are available off the shelf from Triad's extensive distributor network. Triad's design engineers also work with customers to create custom products to fit specific needs.

Price: Starting at under \$12.00 per unit

Availability: Stock to 8 weeks

About Triad Magnetics

Triad Magnetics is a global leader in the design and manufacture of transformers, power supplies and inductors for a wide range of applications, including switch mode/high frequency, wall plugin, power transformers, inductors and audio transformers. For more information, please go to:

www.triadmagnetics.com.

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