

# Bridgeport Magnetics Group Inc.

6 Waterview Drive, Shelton, CT 06484 USA

Tel. Toll free 1 800 836 5920, + 1 203 954-0050

FAX + 1 203 954 0051

Email: [sales@bridgeportmagnetics.com](mailto:sales@bridgeportmagnetics.com)

Website: [www.bridgeportmagnetics.com](http://www.bridgeportmagnetics.com)

## PRESS RELEASE

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## EDITORIAL CONTACT

Joanne Buck, LGE Designs

972 407-5830

[Joanne@lgedesigns.com](mailto:Joanne@lgedesigns.com)

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### ISO-PUCK II – An improved, lower cost Enclosed Hospital Grade Isolation Transformers

The Tortran Division of Bridgeport Magnetics Group Inc. introduces the **ISO-PUCK II**, a new line of enclosed hospital grade isolation transformers with more features and at significant cost savings to the buyer. The new **ISO-PUCK II** is available for North American installations in three power ratings; 400VA, 800VA and 1200VA with input and output voltages of 115V/60Hz. The transformer has a built-in auto-resettable thermal protector which will shut off power in case of overload.

For international installations, the **ISO-PUCK II** is available in power ratings of 350VA, 650VA and 1000VA with 230V/50-60Hz input and output voltages of 117V or 230V/50-60Hz line frequencies. The design of the **ISO-PUCK II** offers four new important features. Besides a 20% price reduction of same power ratings of the original ISO-PUCK, the steel housing has been replaced with a molded Polycarbonate enclosure with an imbedded IEC60320 C-13 receptacle. A green LED light to indicate that power is on has been added.

Installed between the wall outlet and any electrical or electronic apparatus used in Patient Care Areas, the transformer provides increased safety from electric shock for both staff and patients at hospitals, medical clinics, doctors' and dentists' offices and other healthcare facilities. As the design of the **ISO-PUCK II** transformer complies with the required maximum leakage current for patient care areas, these facilities can now save money by purchasing commercial-grade computers, printers, monitors and other devices instead of the more expensive medical grade models.

For room installation, the housing includes a keyhole for easy single-screw wall mounting. With its sleek design and neutral off-white color, the ISO-PUCK blends well in any type of environment. Its round shape makes it easy to keep clean.

The ISO-PUCK also offers cost benefits to the medical OEM industry as it can easily be installed in a rack or inside a piece of equipment using the threaded insert located on its rear surface. The 60Hz models of the new **ISO-PUCK II** isolation transformer come with a two-foot 14 AWG long input cord with North American style NEMA 5-15P green dot hospital-grade plug to be connected to a grounded wall outlet.

The output is now an IEC 60320 C-13 receptacle embedded in the front of the housing. Three standard length cords with IEC 60320 C-14 plug at one end and IEC60320-C13 receptacle at the other end will be stocked and sold separately. \$5.00 for 2 feet (0.6 m) cord, \$7.00 for 6 feet (1.8 meter) and \$10.00 for the 10 feet (3 meter) cord. A third option is a UL listed terminal strip with four receptacles at \$16.00 for the six foot cord.

The 50Hz models have a 2 foot (0.6 meter) long input cord with either Euro CEE7/7 (Schuco) or UK plug (BS1363). Other international plugs are available options. The lengths of the output cords are the same as for the domestic models. The outside diameter of the housing for 60 Hz installation is 5 ¾" (145 mm) for the 400VA, 6 5/8" (168 mm) for the 800VA and 8 ¼" (210 mm) for the 1200VA. The heights vary from 2 ¾" (70 mm) to 3 ¼" (80 mm) for the largest model. The weight ranges from 8 lbs (3.6Kg) to 25 lbs (11.4 Kg). The 50 Hz models are using the same range of enclosure measurements.

The original ISO-PUCK will continue to be available for power ratings 1500VA/60Hz, 2200VA/60Hz, 3000VA/60Hz and 1200VA and 1800VA for 50Hz operation. List prices of the ISO-PUCK II start at \$185.00 for the 400VA/60Hz. Volume discount applies to orders above 10 units. The **ISO-PUCK II** models are available from factory stock in Connecticut.

The ISO-PUCK I and II are certified to UL60601-1 and CSA STD c22.2 No. 601.1 and IEC60601-1 and EN61558-1 with CE Marking. Domestic models are designed for maximum 50-uA leakage current, well below the legal requirement of maximum 100 uA

as specified by NEC (National Electrical Code) and UL 60601-1. The 230V/50Hz models have 100uA max. leakage current.

For more product information please contact Michael Kharaz, General Manager of Tortran Division. Tel. 203 954-0050 x 14. Email: Michael @bridgeportmagnetics.com. The Website, [www.bridgeportmagnetics.com](http://www.bridgeportmagnetics.com), has information of the company's entire product program.

*Ulrik Poulsen, company owner, president and CTO, founded Tortran Inc. in 1986, now a division of Bridgeport Magnetics Group Inc. to serve the North American industry with its line of toroidal power transformers. Today the company's roster of satisfied customers on five continents represents a wide range of industries, from low voltage lighting, to test and measurements, to robotics to professional audio and sophisticated medical devices.*