



**TORUS
POWER**

Press Release

Toronto, April 27, 2007

Torus Power Isolation Units in NEMA Cabinets for Wall Mount

Torus Power introduces NEMA Cabinet versions of their four largest rack mount Power Isolation Units (PIUs) for hard-wired wall-mount applications. The units supply three or five circuits of 120VAC in either 15A or 20A current. Torus PIUs combine robust and reliable surge suppression with unique toroidal transformer technologies from PLITRON to provide fully isolated AC power conditioning and protection for sensitive audio and video equipment installations.

Patented series-mode surge removal filters absorb dangerous voltage surges and safely dissipate them without using failure-prone MOVs (metal oxide varistors). Also, unlike MOV-based protection, voltage surges are not shunted to ground.

Isolation is combined with proven technologies from PLITRON in the over-sized toroidal transformer. NBT works as a low pass filter using the controlled leakage inductance and capacitances within the transformer to cancel common mode and differential mode noise. LoNo technology has been used for years by high-end audio companies who demand silent transformers. Imin technology reduces inrush currents. UST provides additional common mode filtering using a highly efficient Faraday screen.

The large transformer also provides extremely low impedance outputs and its core's magnetic field acts as a buffer for the peak power requirements of AV equipment, especially power amplifiers.

Balanced input from two standard 120V phases provides high power and noise cancellation. Using balanced input power provides the benefits of symmetrical power without the requirement to use GFCI (ground-fault circuit interruption) outlets. GFCIs are prone to nuisance-trips. The toroidal isolation transformer steps-down the 240V input to 120V to power equipment. Where 240V balanced input is unavailable units may be configured for 208V operation.

Low-impedance output and buffered power with balanced high-power primary input provides the most unconstrained, yet protected, energy source.

Cabinet units: Balanced 45A; Balanced 60A; Balanced 75A; Balanced 100A.

List Price US\$5300 to \$8500

Availability: Stock to 4 weeks.

Other units: From 1A to 100A in North American and International versions.

Torus Power Products are sold through authorized dealers and marketed worldwide through Bryston Limited.

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Sales Contact: Bryston 705-742-5325 jamestanner@Bryston.ca

Photographs Available

Torus Cabinet, Wall mount, Interior
Uncompressed tiff 6.28M 1478 x 1486
<http://www.toruspower.com/images/Torus%20Cabinet%20Interior.tif>



Torus Cabinet, Wall mount, Exterior
Uncompressed tiff 4.21M 1113 x 1324
<http://www.toruspower.com/images/Torus%20Cabinet%20Exterior.tif>

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