

## Tabtronics Announces Ultra-High Efficiency Transformers for 150 kHz Bridge Converter Applications

**HXTH01260 provides 720 watts of efficient power in a compact PQ32/30 package.**



October 11, 2005 – Tabtronics Inc., a world leader in high-efficiency magnetic components, announced the release of a surprisingly powerful off-the-shelf bridge converter transformer for modern power applications. The HXTH01260 transformer utilizes the company’s Hyper-X Magnetic Technology™ to dissipate less than 1% of output power while delivering 12 volts at 60 amps from a 400 volt DC input – all from the compact PQ32/30 package.

Tabtronics’ off-the-shelf Hyper-XMT™ power components meet modern safety and RoHS requirements. The entire Hyper-XMT™ product line is customizable to meet customer specific application demands.

The HXTH01260’s rugged construction uses thick tinned-copper terminations for the high current center-tapped secondary. These foil terminations can be changed to accommodate unique interface requirements. The footprint is 42.40 mm x 33.66 mm maximum with a maximum height of 33.00 mm. For a nominal 400 volt DC input through an H bridge switching configuration, the transformer uses full wave center-tapped rectification to provide 12 volt DC output while operating at approximately 62.5% duty cycle. All parts have an operating temperature range of +125 degrees Celsius to -40 degrees Celsius.

Contact Tabtronics directly for volume pricing and samples. Detailed data sheet specifications are available at the company’s web site.

About Tabtronics: Tabtronics specializes in developing high-performance power magnetic components. The company’s technology is relied upon by military, avionics, and high technology customers. Tabtronics has 25 years experience in direct manufacture of electromagnetic components, and also licenses its technology to other manufacturers and system integrators. The firm’s continuing focus is the development of innovative methods to provide more power through smaller components. As an ISO 9000-2000 registered manufacturer, Tabtronics consistently helps technology leaders win market share by means of performance advantages.

thinking big. designing small. **magnetics to the highest power.**

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