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Toshiba G9000 Series Uninterruptible Power System Now Available in 650kVA

HOUSTON, TX — December 12, 2014 — Toshiba's G9000 Series uninterruptible power system (UPS) is now available in 650kVA/650kW, further broadening the capacity options ranging from 100kVA to 1,000kVA. The new 650kVA model will meet demand in datacenters with legacy technology for new and efficient UPS solutions.

The Toshiba G9000 Series UPS is purpose-built from the ground up to allow for flexible, custom installations for datacenters, co-locations, call centers, and financial institutions. Using Toshiba IGBT technology in the rectifier/converter, DC/DC chopper, and inverter sections, the G9000's double-conversion topology provides an AC/DC/AC efficiency of up to 97% at loads from 50% to 100%. At 20% loading, the efficiency remains at 95%, ideal for redundant parallel systems where loads are typically 25 to 40%. The energy-efficient design significantly lowers installation and operational expenses in comparison to traditional requirements.

"The 650kVA model G9000 Series UPS is the next step in our expanded product line targeted at better serving the datacenter industry," said Greg Mack, Vice President and General Manager of the TIC Power Electronics Division. "The renowned efficiency and three-year warranty position the G9000 as a reliable and updated UPS option for 650kVA installations."

The all-IGBT design of the G9000 Series also eliminates the need for a front-end harmonic filter and produces less than 3% input current total harmonic distortion. The exceptional dynamic response of its inverter eliminates the need for an output transformer, improving efficiency and reducing weight, noise, and total footprint. They feature an input power factor greater than 0.99, a wide input voltage range of +15% to -20%, and an output power factor rated at .9 (100-225 kVA) or unity (300-1000 kVA). The G9000 supports 100% unbalanced loads and 100% step-load changes without battery discharge, and can support monitoring via SNMP, MODBUS, and other protocols.

About Toshiba

Toshiba Corporation, a Fortune Global 500 company, channels world-class capabilities in advanced electronic and electrical product and systems into five strategic business domains: Energy & Infrastructure, Community Solutions, Healthcare Systems & Services, Electronic Devices & Components, and Lifestyles Products & Services. Guided by the principles of The Basic Commitment of the Toshiba Group, "Committed to People, Committed to the Future", Toshiba promotes global operations towards securing "Growth Through Creativity and Innovation", and is contributing to the achievement of a world in which people everywhere live in safe, secure and comfortable society.

Founded in Tokyo in 1875, today's Toshiba is at the heart of a global network of over 590 consolidated companies employing over 200,000 people worldwide, with annual sales surpassing 6.5 trillion yen (US$63 billion).

To find out more about Toshiba, visit www.toshiba.co.jp/index.htm.

About Toshiba International Corporation
TIC is a Toshiba America Inc. (TAI) Group Company, a wholly owned subsidiary of Toshiba Corporation. TIC is headquartered in Houston, Texas and employs approximately 2,000 people. TIC provides application solutions to a wide range of industries including industrial, power systems, and transmission and distribution systems. For more information about TIC, please visit www.toshiba.com/tic.

About the TIC Power Electronics Division
The TIC Power Electronics division has more than 25 years of experience in uninterruptible power systems. Toshiba produces a versatile range of single-phase and three-phase UPS solutions and accessories hallmarked for outstanding performance and reliability. Single-phase models range from 1 to 22kVA, while three-phase single module systems range from 15 to 1,000kVA, and three-phase parallel module systems from 100 to 8,000kVA. These systems are suitable for a wide range of applications including data centers, telecommunication, retail, healthcare, broadcasting, and industrial.
For more information please visit www.toshibaups.com.

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