



**FOR IMMEDIATE RELEASE**

Media Contact: Travis Coggin  
Toshiba International Corporation  
713-466-0277 x3341

**Toshiba 1,000 kVA Model G9000 Series Uninterruptible Power System Earns ENERGY STAR Rating**

**HOUSTON, TX—September 18, 2014—**The latest model of Toshiba’s G9000 Series of uninterruptible power systems (UPS), the 1,000 kVA G9000, has received the ENERGY STAR™ qualification backed by the Environmental Protection Agency (EPA). The complete G9000 Series product line, from 100 kVA to 1,000 kVA, now exceeds the required 94% efficiency rating defined by the specification framework.

ENERGY STAR is a federal initiative created by the EPA and the U.S. Department of Energy to help consumers to identify quality products that meet strict energy-saving guidelines, as well as to protect the environment through energy-efficient products and practices. The entire G9000 Series product line was recognized as meeting the stringent standards set by the EPA for ENERGY STAR compliance.

The Toshiba G9000 UPS is purpose-built from the ground up to allow for flexible, custom installations for data centers, co-locations, call centers, and financial institutions. Using Toshiba IGBT technology in the rectifier/converter, DC/DC chopper, and inverter sections, G9000’s double-conversion topology provides an AC/DC/AC efficiency of up to 97% at loads from 50% to 100%. Even at 20% loading, the efficiency remains greater than 95%. This industry-leading performance makes the G9000 the perfect solution for redundant parallel systems where loads are typically 25 to 40%. This energy-efficient design of the G9000 significantly lowers operational expenses to operate a UPS, in comparison to traditional requirements. The efficiency testing involved rating the 1000 kVA G9000 Series not only by its maximum achievable efficiency, but by a weighted average of its efficiency across its entire load range. To view the test results, [click here](#).

“The Toshiba G9000 UPS has become the industry benchmark for efficiency and reliability among data center uninterruptible power systems,” said Erik Monisera, G9000 Series product manager. “We were certain that the 1000 kVA unit would satisfy Energy Star’s stringent efficiency requirements given the proven performance of the existing models, which it in fact exceeded by 1.9% over the required 94%.”

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 is equipped to support monitoring adapters utilizing SNMP, MODBUS, and other protocols. These large capacity units also come with Toshiba's industry-leading three-year onsite warranty.

**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](http://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](http://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 22 KVA, while three-phase single module systems range from 15 to 1,000 KVA, and three-phase parallel module systems from 100 to 8,000 KVA. 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](http://www.toshibaups.com).

###