



### GE Provides High Efficiency for Data Centers with TLE Series UPS

- *TLE Series UPS has Efficiency of up to 96.5 Percent in Double-Conversion Mode*
- *Provides Substantial Savings in Life Cycle Energy Cost for Data Centers*

LONDON—November 15, 2012—GE (NYSE: GE) today announced its new TLE Series Uninterruptible Power Supply (UPS) with three-level converter technology. The TLE Series UPS provides mission-critical facilities such as data centers, hospitals and financial institutions with efficient, reliable, uninterruptible power in a compact size achieving up to 96.5 percent efficiency.

GE's TLE Series with IGBT rectifier keeps supply networks clean, assuring an input power factor close to unity and total harmonic distortion (THDi) of less than 3 percent. With innovative three-level converter technology, the TLE Series UPS provides double conversion efficiency up to 96.5 percent with eBoost technology providing efficiency up to 99 percent.

"Energy consumption is a critical issue for organizations as their data center energy demands continue to grow," said Riccardo Rutili, general manager, Power Quality for GE's Digital Energy business. "The TLE series with ultra-high efficiency in double-conversion mode can provide significant life cycle cost savings for the data center industry."

For a typical enterprise-class data center with a 6-megawatt load, the TLE Series UPS has the ability to reduce annual energy consumption by more than 2 million kWh, or potentially \$200,000 at \$.10/kWh. Installation and maintenance for this new UPS is faster and easier due to its easy to reach front access design.

While most of the industry effort has previously been focused on improving the efficiency of information technology and cooling equipment, UPS is now in the spotlight for energy optimization with manufacturers such as GE<sup>1</sup>. The TLE Series UPS' reliability can be further increased by utilizing GE's unique redundant parallel architecture technology. All of GE's UPS systems are fully supported by service teams, which provide world-class, 24x7 preventive and corrective services, training and application expertise.

#### About GE

GE (NYSE: GE) works on things that matter. The best people and the best technologies taking on the toughest challenges. Finding solutions in energy, health and home, transportation and finance. Building, powering, moving and curing the world. Not just imagining. Doing. GE works. For more information, visit the company's website at [www.ge.com](http://www.ge.com).

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<sup>1</sup> Source: Department of Energy 2011

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