



GE's EPA ENERGY STAR Certified UPS to Help Data Centers, Hospitals and Banks Deliver Critical Power Efficiently

- *SG Series Uninterruptible Power Supply (UPS) with eBoost Technology is First Three-Phase UPS to Receive Environmental Protection Agency's (EPA) ENERGY STAR Certification*
- *eBoost, GE's Patented Multi-Mode Operation, Offers Users Energy Efficiency up to 99 Percent*
- *Multi-Mode UPS Operation Receives Endorsement from The Green Grid and EPA to Improve Data Center and UPS Efficiency*

ATLANTA—September 27, 2012—GE's (NYSE: GE) [ecomagination™-qualified](#) SG Series Uninterruptible Power Supply (UPS) with [eBoost™](#) technology today received the Environmental Protection Agency's (EPA) ENERGY STAR™ certification. The certification includes the SG Series 300-750 kVA modules and is the first three-phase UPS in the industry to receive this recognition. The SG Series UPS provides reliable back-up power to mission critical facilities like data centers, hospitals and financial institutions.

"Increased amounts of energy consumption in data centers have become an industry-wide issue," said Riccardo Rutili, general manager UPS for GE's Digital Energy business. "Today, data centers consume large amounts of energy to run their computers and servers, including critical back-up power equipment like UPS. Our SG Series UPS with eBoost technology helps customers improve their power usage effectiveness (PUE) while reducing their carbon footprint."

GE's eBoost software increases UPS operating efficiency from 92-94 percent in double conversion mode, up to 99 percent in multi-mode operation, and improves data center overall efficiency as measured by [PUE](#). The multi-mode UPS operating mode (generically called "eco mode") is becoming a recognized trend in the data center industry. The U.S. Department of Energy (DOE), the EPA and [The Green Grid](#) recognize how important it is to implement new energy efficiency technologies like multi-mode UPS into today's data centers.

"The need to improve data center and UPS efficiency continues to grow as data centers become larger with the expansion of digital media, wireless networks and cloud computing," said Robert Meyers, data center product manager, ENERGY STAR. "The EPA recognized the need to promote improved product efficiency in data centers and has expanded the EPA ENERGY STAR program to include UPS products. We included UPS multi-mode operation in the program as an innovative strategy for increasing energy savings in UPS systems."

Recently, The Green Grid also announced its support of multi-mode UPS operation by including the energy-efficient operating mode in its [Data Center Maturity Model](#) as a recommendation for improving data center efficiency.

GE's Digital Energy business is a global leader in protection and control, communications, power sensing and power quality solutions. Its products and services increase the reliability of electrical power networks and critical equipment for utility, industrial and large commercial customers. From protecting and optimizing assets such as generators, transmission lines and motors, to ensuring

secure wireless data transmission and providing uninterruptible power, GE's Digital Energy business delivers industry-leading technologies to solve the unique challenges of each customer. For more information, visit <http://www.gedigitalenergy.com>.

About EPA ENERGY STAR

[ENERGY STAR](#) is a joint program of the U.S. EPA and the U.S. DOE designed to save money and to protect the environment through energy-efficient products and practices.

About The Green Grid

[The Green Grid](#) is a non-profit, open industry consortium of end-users, policy-makers, technology providers, facility architects and utility companies collaborating to improve resource efficiency in information technology and data centers. With more than 175 member companies around the world, The Green Grid seeks to unite global industry efforts, create a common set of metrics and develop technical resources and educational tools to further its goals.

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.

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