



PRESS RELEASE

Transformerless Digital Energy LP-33U Series UPS

"Transformerless" LP-33U Series UPS Delivers 97 Percent Efficiency, Protection in Mission Critical Applications

LOMBARD, IL – The new high-performance **LP-33U Series 10-60kVA Uninterruptible Power Supply** (UPS) from GE Digital Energy's Power Quality business delivers reliable power protection, an industry-leading 97 percent system efficiency and proven Redundant Parallel Architecture™ (RPA™) to owners and operators of e-commerce applications, mobile networks, corporate internet sites, medical equipment, banking systems, ePay and networked IT structures.

Available in 10-60 kVA, the LP-33U Series' "transformerless" design and compact footprint create less weight, better efficiency, easy front service access, and low audible noise, making it suitable for both office and industrial environments.

"Our customers in mission critical settings want the best of both worlds: reliability and efficiency," says Brad Thrash, North American UPS product manager, GE Digital Energy. "The LP-33U Series UPS delivers continuous power with our Redundant Parallel Architecture™ technology and energy-efficiency to meet this demand while achieving 97 percent output performance."

GE's unique Redundant Parallel Architecture™ technology enables the LP-33 Series to parallel up to four units, which cuts costs and increases reliability. Controlled in a peer-to-peer configuration using redundancy in all critical elements and functions, RPA™ technology eliminates single points of failure. It precisely synchronizes output phase, automatically sharing the load supported by each UPS.

The LP-33U Series UPS is a double conversion UPS system with true online voltage and frequency-independent (VFI) operation. GE's Intelligent Energy Management™ (IEM) Configuration with ECO mode permanently monitors the quality of the mains, immediately transferring to VFI mode when the mains fall out of tolerance.

Along with delivering reliability and energy-savings, the LP-33U Series also:

Creates a high input power factor (>.98) and low input distortion (<10%) by using a hybrid IGBT rectifier;

Utilizes Pulse Width Modulation (PWM) IGBT digital technique resulting in low output distortion and fast transient response;

Remote monitors and manages with connections via LAN, modem, SNMP, RS232, Modbus RTU, programmable alarm contacts, and TCP/IP;

Integrates internal manual maintenance bypass, reducing the need for external (larger footprint) equipment and lowering Mean Time Between Repair (MTTR); and,

Delivers standard two-year limited warranty.

For more information on this product, visit www.geindustrial.com/ups.

About GE Digital Energy:

GE Digital Energy, a division of GE Enterprise Solutions, 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 Digital Energy delivers industry-leading technologies to solve the unique challenges of each customer. For more information, visit <http://www.gedigitalenergy.com>.

About GE Enterprise Solutions:

GE Enterprise Solutions elevates customers' productivity and profitability with integrated solutions using sensors and non-destructive testing; security and life safety technologies; power system protection and control; and plant automation and embedded computing systems. Enterprise Solutions' high-tech, high-growth businesses include Sensing & Inspection Technologies, Security, Digital Energy, and GE Fanuc Intelligent Platforms. The business has 17,000 problem-solving employees in more than 60 countries around the world.

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