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PowerGenix and PSI Team Up to Supply Batteries for Traffic Light Backups

Nickel-Zinc lowers costs for traffic agencies and eliminates external battery enclosures

SAN DIEGO--([BUSINESS WIRE](#))--PowerGenix, the leading manufacturer of high performance, rechargeable Nickel-Zinc (NiZn) batteries, today announced an exclusive agreement with [PSI Acquisition, LLC](#) to supply battery cells for UP-Stealth™, a cutting-edge uninterruptible power supply (UPS) for the traffic industry. Starting in April, PowerGenix NiZn battery packs will be deployed in traffic installations in metropolitan areas in the United States, Canada and Mexico.

PowerGenix and PSI teamed up to bring innovation to the battery backup traffic market. Using the high power and small size of PowerGenix NiZn battery cells, the UP-Stealth system is a much smaller and lighter package than lead-acid equivalents. UP-Stealth can be installed in previously unutilized space in existing traffic control cabinets — replacing traditional lead-acid based UPS systems and eliminating the bulky, heavy external battery cabinet attached to the primary traffic cabinet.

“PowerGenix’s NiZn rechargeable chemistry enabled us to create a lighter, higher-performing, hazard-free and more reliable product that will make intersections safer,” said PSI Acquisition CEO Tim Hysell. “UP-Stealth allows budget challenged traffic agencies to reduce maintenance and installation costs while enhancing traffic safety. Since the United States alone has over 300,000 intersections with traffic lights, we’re addressing a sizable market opportunity. We look forward to developing additional intelligent battery backup products for the traffic industry with PowerGenix.”

Compared to the current lead-acid standard, the PowerGenix-PSI solution is about 70 percent lighter, with a much longer service life and requires no maintenance. NiZn batteries are also recyclable and RoHS compliant, with no toxic heavy metals, providing an environmentally friendly alternative to lead-acid and other battery chemistries.

“Traffic battery backup is a demanding, mission-critical application in an unforgiving environment, and we’re pleased to contribute to safety on the roads while exceeding the cost and performance demands of traffic agencies,” said PowerGenix CEO Dan Squiller. “We see very large opportunities for our power-dense NiZn batteries in the UPS market, where systems providers are seeking cleaner, lighter, safer and more powerful solutions.”

About PowerGenix

PowerGenix has developed and patented a high-power and low-cost Nickel-Zinc battery for power intensive industrial products, hybrid electric vehicles (HEV), and stationary storage applications.

PowerGenix Nickel-Zinc batteries outperform lead-acid and nickel-metal hydride (NiMH) batteries in a smaller and lighter form-factor, and avoid the high cost and safety issues associated with lithium-ion (Li-ion) batteries – providing a highly recyclable alternative to existing technologies in the multi-billion dollar rechargeable battery market. For more information, please visit <http://www.powergenix.com>.

About PSI Acquisition, LLC

PSI Acquisition, LLC specializes in intelligent traffic solutions (ITS), manufacturing and distributing cabinets, controllers, UPS systems, conflict monitors and security access systems. Based in the Mid-Willamette Valley of Oregon, PSI has a history dating back to 1989 serving the United States and other countries and currently provides innovative and customizable traffic solutions to cities around the world. For more information, please visit <http://www.psi-traffic.com>

Photos/Multimedia Gallery Available: <http://www.businesswire.com/cgi-bin/mmg.cgi?eid=6642041&lang=en>

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