



August 06, 2008 08:01 AM Eastern Daylight Time 

PowerGenix's Nickel-Zinc Batteries Pass UL Tests Performed by Motorola Product Testing Services

PowerGenix's NiZn Product Platform Meets RoHS, RBRC and UL Standards

SAN DIEGO--(BUSINESS WIRE)--PowerGenix, manufacturer of nontoxic, safe, high performance rechargeable nickel-zinc (NiZn) batteries, today announced it has met Underwriters Laboratories' (UL) requirements for household and commercial battery safety and reliability. In testing performed by Motorola Product Testing Services, PowerGenix's NiZn cells passed UL 2054 standard for use as a power source in products in addition to altitude simulation compliance under UL 1642.

Testing under the UL 2054 standard is divided into five main types; electrical, mechanical, battery enclosure, fire exposure and environmental tests. During the examination, Motorola Product Testing Services subjected PowerGenix's cells to shock, vibration, crush, projectile, impact and discharge tests under extreme temperature and cycling conditions to validate performance, safety and robustness. Testing also included short circuit and abnormal charging protocols. In addition, results from UL 1642 testing demonstrated performance and safety for air travel and other low-pressure environments.

"Underwriters Laboratories' safety standards are recognized as one of the highest safety benchmarks in the world. These tests deliver peace of mind to manufacturers and end-users that PowerGenix's NiZn cells are safe and robust, and affirm reliable interface with AC power sources and UL licensed products," said PowerGenix CEO Dan Squiller.

In addition to meeting UL standards, PowerGenix's batteries have been confirmed by independent third party testing to be compliant with the European Union's Reduction of Hazardous Substances (RoHS) directive, banning heavy metals and toxic substances from new electronic devices. PowerGenix has also been licensed by the Rechargeable Battery Recycling Corporation (RBRC) for participation in its North American collection and recycling program.

PowerGenix's NiZn rechargeable batteries serve as a high-performance replacement for Nickel Metal-Hydride (NiMH) and Nickel-Cadmium (NiCd) rechargeable batteries. Compared to NiMH and NiCd, PowerGenix's NiZn cells offer 30 percent more power while reducing the size, weight and number of cells required for portable power.

About PowerGenix

PowerGenix has developed and patented a high-energy density, high-cycle life and cost effective Nickel-Zinc battery targeting the market for power intensive portable products and hybrid electric vehicles (HEVs). Specifically designed to utilize existing Nickel-Cadmium/Nickel Metal-Hydride manufacturing processes, techniques and equipment, PowerGenix offers the supply chain scaling and security OEMs require. With its patented rechargeable Nickel-Zinc battery technology, PowerGenix is pursuing applications to replace existing Nickel-Cadmium and Nickel Metal-Hydride batteries in the multi-billion dollar rechargeable battery market.

Contacts

Antenna Group for PowerGenix
Skye Laudari, 415-977-1925
skye@antennagroup.com

Permalink: <http://www.businesswire.com/news/google/20080806005350/en>

