Coin Cell Batteries Feature Extended Battery Life Breakthroughs

Contour Energy Systems Inc., an innovative portable power company commercializing next-generation battery systems, is releasing its first line of coin cell batteries with availability starting in the fourth quarter 2010. Contour's new line of lithium coin cells, based on its patented Fluorinetic battery technology, offer OEMs significantly longer battery life and other performance advantages for multiple device categories and applications in the medical markets.
Glucose monitoring systems, drug dispensing devices, and bone growth stimulators represent three near term medical device opportunities that will take advantage of the new coin cells' higher energy and power densities and longer service life.

The coin cell product line will feature four primary advantages: greater runtime, better discharge rates, longer shelf life, and safer environmental design compared to current lithium products that can contain heavy metals, perchlorate, and other dangerous and caustic materials. Contour's patented Fluorinetic technology leverages breakthrough lithium/carbon fluoride advancements to achieve these high energy and power densities. The use of a solid cathode with no heavy metals or other toxic materials minimizes safety and environmental concerns. In addition, the advanced lithium/carbon-fluoride batteries overcome operational problems exhibited by some other lithium batteries, such as passivation, which is a significant voltage drop upon starting up a device.

Contour's advanced coin cells currently exceed all others tested in both power density and maximum safe current draw. Testing demonstrates up to an eight times improvement in high-current applications and up to two-times improvement in traditional coin cell applications. This makes the Contour coin cell line particularly

well suited for applications that require high sustained or pulse currents and greater durability.

Contour's first coin cells, based on the most popular 2032 format, are available for volume customer shipments starting in the fourth quarter of 2010. Evaluation samples are available immediately.

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