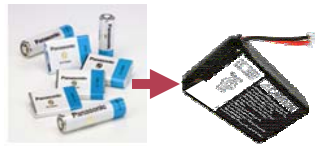
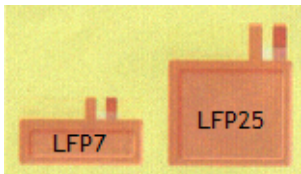


**Applications****Rose Knows: Batteries and Battery Packs**

We know batteries. All major technologies, in packs or in single cells, Rose Electronics has been providing quality batteries and battery packs to our customers for over 40 years. We work with only the highest quality cell vendors to ensure the best solution for your product. Whether you need Ni-Cd, Ni-MH, Li-Ion, Li-Polymer, Sealed Lead or Alkaline, expect straight answers from the experts at [Rose Electronics](http://www.rosebatteries.com). Contact us today for consultation.

**Products****Ultra Thin Primary Lithium from Varta**

Varta now offers two new ultra thin (0.4mm!) lithium polymer cells for smart card applications. The LFP7 is 6mAh and for low power card applications (e.g. with speaker) such as Tone Cards and Loyalty Cards. The LFP25 is 23mAh and is for high power card applications (e.g. with long range contactless features) such as Access Security Cards and Bank/Cash Cards. Both cells are 3V nominal (approx 2.75V operating) and 29mm wide. The LFP7 is 9mm wide and the LFP25 is 22mm wide. [Contact Rose](http://www.rosebatteries.com) for more information on these cells and others.

**BUILD A BATTERY**

Need to go from cells to a custom lithium ion battery pack? See which battery configuration option is the best suited for your application! Go to the [Rose Electronics website](http://www.rosebatteries.com) and check out our new [battery builder](#) to create your custom pack today!

**Did you know?**

Rose will again display at the Medical Device and Manufacturing/Electronics West Show in Anaheim January 29-31, 2008! Booth 543. [Click here](#) for free registration!

**Rose Knows Batteries - Technology Notes****New carry on restrictions for traveling with lithium batteries**

U.S. Department  
of Transportation

Pipeline and  
Hazardous Materials  
Safety Administration



Effective January 1, 2008, travelers may no longer pack loose lithium batteries in checked luggage on commercial airplanes. Passengers wishing to bring along spare lithium batteries for devices such as laptops, cell phones and cameras are encouraged to pack them in their carry-on luggage. However, travelers may check bags that contain the batteries only if the batteries are installed in electronic devices. The new rule is aimed at reducing the risk of fires, and they are the result of observations that many incidences on airplanes involve either undeclared or "excepted" batteries, and that short circuit is the most common cause of fires (either through design, packaging, or handling). [Contact Rose](http://www.rosebatteries.com) for further info on shipping lithium batteries.

**About Rose Electronics**

Rose is a leading supplier of batteries and power solutions for the **GPS mobile systems, medical device, industrial field service equipment** and **enterprise storage solution** marketplaces. Rose has earned the trust, respect and loyalty of some of the most demanding OEMs. Call us at 1-800-632-4789 or visit [www.rosebatteries.com](http://www.rosebatteries.com).

Make sure you know the latest transport rules for lithium batteries. Visit [www.rosebatteries.com](http://www.rosebatteries.com)

Thank you for reading the Rose Batteries eNewsletter