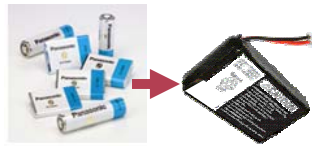


Applications

Rose Knows: Batteries for Handheld Equipment

Are you working on a handheld product application? There are basic questions to be answered that will help determine the right battery solution for your project. Minimum operating voltage, maximum current, size requirements, cost constraints all play a part in determining which cell solution is best for you. The cell options today are greater than they have ever been. Rose Electronics is the best technical resource to find the optimum power option for your product; [contact us](#) for a free consultation.

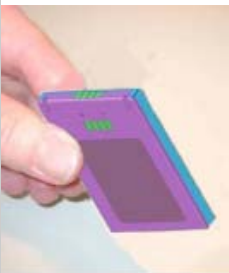


BUILD A BATTERY

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](#) and check out our new [battery builder](#) to create your custom pack today!

Products

Li-Polymer EZ Pack from Varta = Easy Implementation



Looking to use lithium polymer cells for your next project? Varta Battery offers a series lithium polymer cells through Rose Electronics called EZ Packs. These cell packs come assembled in a hard plastic case, complete with a safety circuit, NTC thermistor, ID resistor and gold contacts, ready for use. Capacities

range from 550mAh to 2000mAh, all at 3.7V. [Contact Rose](#) for more information, pricing and delivery on the EZ pack series of products at 1-800-632-4789.

Did you know?

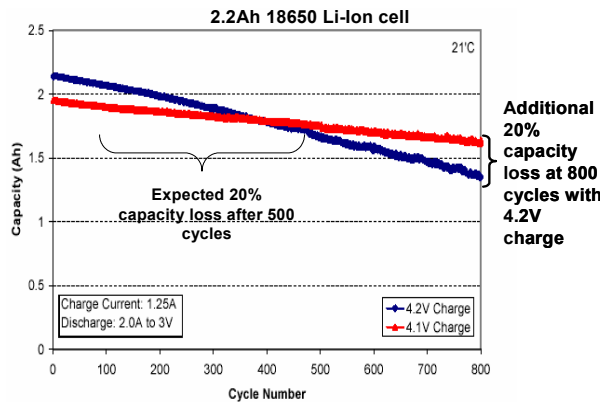
Rose will again display at the Medical Device and Manufacturing/Electronics West Show in Anaheim January 29-31, 2008! Booth 543. [Click here](#) for free registration!



Rose Knows Batteries - Technology Notes

Charging to 4.2V per cell means additional capacity loss over time

When using lithium ion cell chemistry, the decision can be made whether to choose a better cycle life (more charge/discharges) or higher capacity per cycle. The graph here illustrates the negative impact on cycle life if batteries are charged to 4.2V per cell rather than to 4.1V per cell; at 800 cycles and charging to 4.2V per cell, there is an additional 20% capacity loss versus 4.1V charge level.



Make sure you know the latest transport rules for lithium batteries. Visit www.rosebatteries.com



Seasons Greetings from Rose Electronics



From all of us at Rose Electronics, we wish you and your loved ones a very joyful Holiday season, and peace for the upcoming New Year. We appreciate your business and support throughout our 44 years of business. Let us know how we can help you with your battery needs. Call us at 1-800-632-4789 or visit www.rosebatteries.com.

Thank you for reading the Rose Batteries eNewsletter