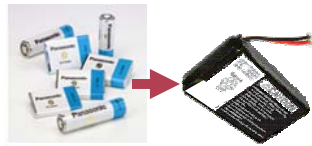
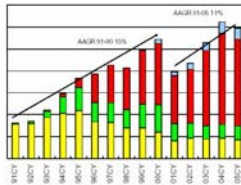


Applications

**Rose Knows Batteries: Industry Trends**

One of the advantages of providing several battery chemistries and manufacturers to our customers is that Rose gets a broad perspective of where the battery industry is headed. Knowing what industries use what technologies and cell sizes gives our customers a leg up over the competition. By keeping abreast of the battery market, we save customers time and effort (translation = money) by designing in the best option from a technical and marketplace perspective.



**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

**Odyssey® Drycell™ Sealed Lead from EnerSys**

The Odyssey battery combines in one box the characteristics of two separate batteries. It can deep cycle as well as provide enormous cranking power. These batteries can deliver engine cranking pulses in excess of 1700A for 5 seconds as well as 400 charge/discharge cycles to 100% depth of discharge. The Odyssey® provides both short duration high amperage pulse and low rate long duration drains; [contact Rose](#) for more information.



**Did you know?**

Rose Electronics offers a variety of training materials to ensure that you understand the nuances of batteries, including "Battery University 101". [Contact Rose](#) for your free copy!



Rose Knows Batteries - Technology Notes

**Technology Note: China RoHS and Batteries**

Now that we've all been fairly well versed in the EU RoHS and its relation to batteries, along have come the new China RoHS regulations, which are only in effect for batteries shipped into China. The China RoHS requires you to affix 1 of 2 pollution control logos on the battery, packaging or other literature. The two logos are depicted below. The green 'e' logo depicts Electrical Information Products (EIP) that do not contain Cd, Cr+6, Hg, Pb, PBB, and PBDE at or the published MCV, which is currently consistent with the EU RoHS Directive. The green logo does not have to be green, but contrastable and permanent and can be affixed to product literature or to the battery packaging. The orange EFPV mark is triggered only when MCVs are exceeded; thus alkaline, lithium, and many others will default to the 'e' logo (which is not applied to the product). For more information on China RoHS, please contact [Rose Electronics](#).



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

**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).

Thank you for reading the Rose Batteries eNewsletter