



## **QUALLION LLC FACT SHEET**

Quallion LLC is largest manufacturer of customized lithium ion batteries in the United States. The company was founded in 1998 by biotechnology and aerospace entrepreneur Alfred E. Mann and lithium ion battery specialist Dr. Hisashi Tsukamoto.

Quallion designs, fabricates and manufactures state-of-the-art lithium ion cells and battery packs, and develops new battery chemistries for the military, aerospace, medical and automotive industries. Building on its legacy leadership position in the medical device industry, the company has developed a range of novel enabling technologies that include the world's smallest implantable secondary battery and the proprietary Zero-Volt™ and SaFE-LYTE™ technologies.

Leveraging its core engineering capabilities, Quallion has established itself as a leader in applications where advanced battery technology, safety, reliability and custom engineering are most valued. The company currently produces high volume medical and military batteries as well as custom-designed aerospace batteries. Cell designs range from the world's smallest conventional lithium ion cell (a cylindrical 1.8 mAh cell) for medical implants to large 15 and 72 Ah prismatic cells. Quallion also has extensive experience with the commercialization of its module type battery configurations using its proprietary Matrix™ technology that allows for scalable battery designs that can be quickly and cost effectively reconfigured for use in a variety of vehicles from heavy duty trucks to passenger cars.

The company possesses more than 60 chemistry, cell and battery patents and has 90 pending patents. Company certifications include ISO 9001:2000, AS9100B, and ISO 13485:2003.

**Corporate Headquarters**     Sylmar, CA  
[www.quallion.com](http://www.quallion.com)