

NEW: Advanced Series of Tadiran's TLM Batteries
Very high power, fast activation at low weight and volume

Since its introduction to the commercial and military markets in 2007, Tadiran's TLM battery series has gained many successful designs in applications requiring a powerful primary power source operating in extreme environmental conditions. As a result of this success, many customers have encouraged Tadiran Batteries to continue and develop this technology and introduce new products with higher technical values.

The R&D team is currently finalizing the qualification tests for the High Energy, AA diameter TLM cell (TLM-15xx/HE) that is expected to be ready for mass production at the end of 2011. This 3rd member of the TLM family has the highest capacity in its family and a high energy and high power density as shown in figures 1 and 2.



Like the other Tadiran's TLM cells (HP & MP) it offers very long-life in extreme environmental conditions, including a self-discharge rate of less than 1% per year at room temperature, and operating temperature range of -40 °C to +85 °C.

This new cell is ideal for industrial and military applications requiring fast activation after prolonged storage operating in extreme temperatures with minimal packaging size.

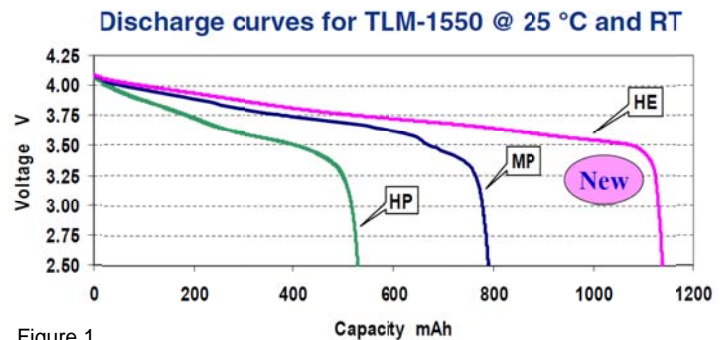
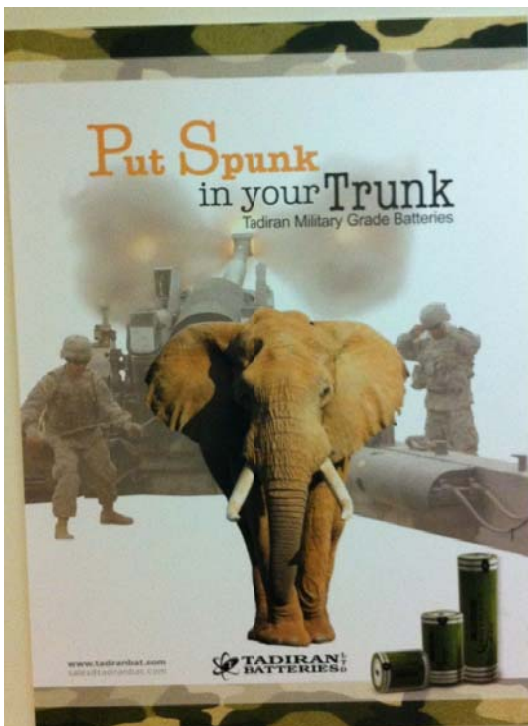


Figure 1
Main designs of TLM Cells

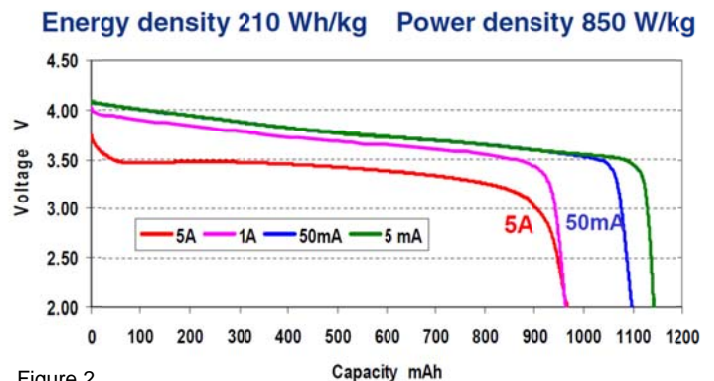


Figure 2
New product TLM-1550HE