

A volt for all seasons

On 11 June 2012, the Financial Times Germany reported on the key role played by storage technology in the energy revolution. According to a study conducted by the consultancy firm Boston Consulting, some EUR 280 billion is due to be invested in green electricity storage around the world by 2030.

In this context, Leclanché is named as one of the companies offering green electricity storage ranging from systems for homeowners to solutions in container format. From July 2012, the company, which has a new production facility in Willstätt, will produce around one million lithium-titanate cells per year, which represents 18,000 storage solutions for private homes or 150 container stores for industrial use.

According to Dr. Ulrich Ehmes, CEO of Leclanché, the economies of scale achieved by this production volume will also bring significant cost benefits for the storage systems on offer. Matthias Vetter, a battery expert from the Fraunhofer Institute for Solar Energy Systems, also expects that falling feed-in remuneration for renewable energies and the rising cost of conventional electricity will make the use of decentralized storage solutions increasingly attractive.

One of the main problems with lithium-ion storage has been the danger of the cells exploding due to overheating during the charging process, a problem which Leclanché has managed to solve by employing a ceramic separator.

The full article to be read under: <http://www.ftd.de/wissen/technik/:energiewende-stromspeicher-werden-zum-milliardenmarkt/70048756.html>