

Skeleton Technologies launches Laser-Welded Ultracapacitor Packs to boost logistics and energy sectors with a 2 second charge time

LOGIMAT, Stuttgart, Germany, 15th of March 2018.

Skeleton Technologies has launched SkelPack, the laser welding service to create ultracapacitor packs allowing the most complex designs and providing much higher reliability and durability compared to bolted ultracapacitor pack layouts.

SkelPack brings graphene ultracapacitor capabilities with a charging time of two seconds, a one million cycle lifetime and a wide temperature range. It allows to design energy storage packs retrofitted or integrated into spaces or areas that would be previously unthinkable.

Ultracapacitors due to their quick charging capabilities and almost infinite life cycles are gaining traction especially in the intralogistics sector, but not all products fit all shapes and sizes. Skeleton Technologies has solved the issue with the SkelPack Welding Service and supports two macro trends in the intralogistics and material handling sector - automation and electrification.

Skeleton Technologies is the only ultracapacitor manufacturer on the market with the capability to produce laser-welded ultracapacitor packs with a high number of design options.

The SkelPack Welding Service offers:

- Layout design
- Prototyping
- Series and contract manufacturing.

The welded packs can be made to fit in almost any shape and size and are suitable for applications ranging from intralogistics and material handling to aerospace.

Mr. Taavi Madiberk, CEO of Skeleton Technologies, commented: "The SkelPack Welding Services will certainly enhance the application space of ultracapacitors in places where it was deemed inaccessible before. It is a major advantage for products where the other energy supply solutions are already in place in the design process. In fact, if a late modification is required it facilitates its implementation by a long way."

You can find more about SkelPack at <https://www.skeletontech.com/skelpack-welding-services> or by visiting LogiMat stand 9A41 in Hall 9.

In more spaces than ever, Skeleton ultracapacitors will be saving energy through the use of laser-welded ultracapacitor packs.



About Skeleton Technologies

Skeleton Technologies, a Bloomberg New Energy Pioneer, is the global leader in graphene-based ultracapacitors and energy-storage systems. We deliver high power, high energy, reliable and long-life storage solutions across the industry. Through the use of patented 'curved graphene', we have achieved global breakthroughs in ultracapacitor performance and successfully commercialized our ultracapacitors, in trucks, buses, and grid applications.

Since our foundation in 2009, we have invested 42 M EUR to support manufacturing scale-up in Germany and in Estonia and grown our headcount from 4 to 100 people.

Our ultracapacitors deliver twice the energy density and 4 times the power density offered by other manufacturers. Our current customer base ranges from leading Tier One automotive firms and industrial equipment OEMs to truck fleet operators and aerospace prime contractors.

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