

Tadiran solves Lives International's temperature challenge



Processes in the medical industry require maximum reliability – even under extreme conditions. Under these circumstances Lives International chose to equip their remote IoT systems for medical application with Tadiran cells.

The products have to work in a temperature range from even below -120 up to $+140$ °C and under pressure atmosphere. It is designed to work in process.

Lives International's [GMPF RF 2R 22V real time temperature data logger](#) is designed to measure temperatures inside ultra-low freezers down to -120 °C for 30 minutes and continuously run measurements between -90 to $+140$ °C for all applications in pharma and biotech industry.

Not to mention the sterilization tunnels measurement where temperatures up to 350 °C for 20 minutes are measured using the same Tadiran cells.

In order to meet these tough requirements Tadiran's technical team proposed the TLH-2450 and SL-550 to Lives International. These cells are hermetically sealed to withstand the highest pressures and are able to operate at very low but also extremely high temperatures. So, it forms a best fit as the "heart of your device". Its high purity ingredients and the well-designed electrolyte guarantee a reliable operation throughout the process of the Lives International system monitors. Unpredicted voltage losses and early outages are locked out.

It has a flat cell form-factor of just 24 mm in diameter and still offers 0.55 Ah of capacity combined with a low self-discharge rate and good capabilities to deliver current peaks.

All this enables the cells to be fit into many small systems and also eases transport possibilities.



If you want to learn more about the outstanding possibilities with Tadiran Lithium Batteries please visit www.tadiranbatteries.de or write to info@tadiranbatteries.de.



 **TADIRAN
BATTERIES**
The heart of your device

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