



Powering the future of parking lot navigation with minimal cost of ownership

Saft primary lithium technology delivers 10 years of power for U-Flow parking space sensors.

Key benefits for Urbotica and its customers

- The cost of installation of a cabled power system would be prohibitive. So selecting Saft primary batteries to provide autonomous power has minimized CAPEX.
- In-service failure of the sensors is not an option. The Saft batteries ensure continuity of service and risk mitigation.
- Fit & forget solution to minimize OPEX for the car park operator.

Saft solutions features

- The LS range has a track record proven over 30-years to offer unrivalled reliability.
- Saft's application engineers provide a unique level of application support to develop bespoke battery solutions.
- Saft's exclusive mathematical model provides customers with the security that the batteries specified will meet their lifetime requirement.

The challenge: Delivering reliable, lifetime power with ultimate cost efficiency

Urbiotica is an expert in the Internet of Things (IoT), especially wireless sensor networks for smart cities. With a focus on optimizing urban spaces and reducing CO₂ emissions, Urbiotica specifically works to provide an enhanced experience for car park users.

For one project, Urbiotica has deployed a fully integrated parking solution for a logistic center in Madrid with more than 1,000 employees. It helps reduce time spent

looking for a free space and thus improves working environment of employees.

While the technology required was readily available, Urbiotica had to develop the solution that offered the lowest Total Cost of Ownership (TCO) for the customer. This included finding the ideal battery for the U-Flow parking space sensors.

The solution: Saft's 3.6 V long-life primary lithium batteries (Li-SOCl₂)

Since any need to replace batteries in the

field would lead to high operating costs, Urbiotica has selected Saft's LS 33600 primary lithium batteries to ensure that its parking sensors would operate without fail throughout a long service life. This has helped achieve the lowest possible Total Cost of Ownership (TCO).

“ Our mission is to improve quality of life in smart cities based on our wireless integrated solutions. With Saft's proven experience in battery technology, we are able to provide our customers with the lowest Total Cost of Ownership.”

Josep Maria Torras, CEO of Urbiotica



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