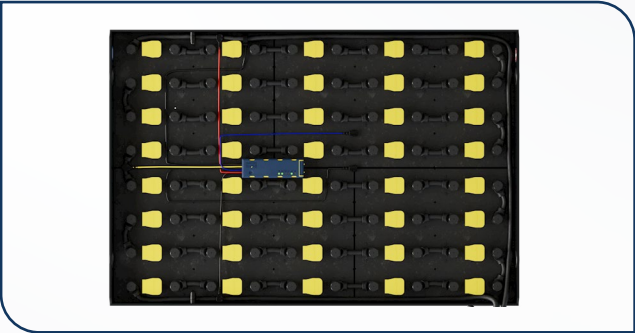


SUNLIGHT

⁸²
Pb
Lead

The more data you know,
the smarter you go.



KNOW**WI**

Sunlight KnoWi

We revolutionize the way we power the world by transforming big data into actionable intelligence.

Sunlight KnoWi, the innovative Battery Monitoring System, provides real-time access to lead-acid battery and forklift performance, enhancing operational productivity and profitability. It features daily reporting on battery operations, offering detailed tracking and analysis of energy flow and battery status. This systematic tracking not only aids in early diagnosis of potential issues but also optimizes performance and helps to extend the battery's lifespan, thereby enhancing the reliability, safety, and cost-effectiveness of the battery system.



Real-time monitoring



Monitor your batteries and forklift fleet status in real time, from anywhere in the world.

Cost control



Reduce downtime and optimise service intervals, while protecting your investment and equipment.

Live alarms



Stay connected and informed about operation risks, avoiding unnoticed threats and damages that could potentially reduce battery performance and lifespan.

Fleet Management Capabilities



Enhance your operational efficiency with our optional BT Tag accessory. BT Tag is installed in the forklift and provides overview of the battery fleet in the GLocal platform, on forklift level.

Intelligence for Lead-acid Batteries

Sunlight GLocal integration



Data is automatically captured and uploaded to the Sunlight GLocal cloud platform. This platform includes an advanced Lithium Calculator that provides recommendations for lithium-ion battery upgrades based on sophisticated algorithms.

Forklift/Pb Battery Current State



Discharge Idle
48.5V



SoC
68%



Temperature
26.3°C



Current
-0.6A



Voltage
48.5V
Half Voltage 24.2V



Electrolyte Level
Electrolyte OK



Lithium Calculator Results



- Proposed Capacity
432Ah
- Proposed Charger
300A
- Li-ON Voltage
51.2V
- Depletions Number
0



Coverage
100%

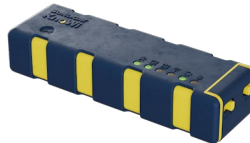
Fleet Transformation to Li-ion, based on data

Make data-driven decisions for your lead-acid battery fleet, harness data and evaluate a switch to innovative LiONFORCE batteries

Forklift 24/7 Cycle Operation



Three lead-acid
batteries operation



BMS data capture & upload
to GLocal cloud platform



One lithium-ion battery
recommendation



SUNLIGHT GROUP ENERGY STORAGE SYSTEMS

Headquarters Greece
T: +30 210 624 5400

info@sunlight.gr
sunlight-group.com

