

SUNLIGHT

LiONFORCE

Innovation
meets the future



3
Li
Lithium

SUNLIGHT
POWER IS KNOWLEDGE

Sunlight Li.ON FORCE

Reliability and safety in one battery

A revolutionary
"smart" battery
developed to
exceed customer
needs.



Fast opportunity
charging



Active
balancing



Stable performance
under harsh operating
conditions



Protection of
batteries and cells



Charging time:
~1.5h



24/7
Operability



Fully Certified Cells according to **UL 1642**
Batteries designed according **UL 2580**

Applications



Forklifts



Floor cleaning
equipment



Material handling
equipment



Automated guided
vehicles (AGVs)



Aerial work
platforms

Ultimate Customer Experience

Fully charged in under 90 minutes, Sunlight Li.ON FORCE batteries enable 3-shift operations, without changing batteries in the middle of the workday

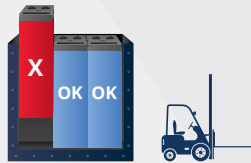
Parallel Battery Topology (PBT):

In case of module malfunction, the faulty module is automatically disconnected and remains inactive via remote action, without interrupting the battery operation until the service representative arrives on-site



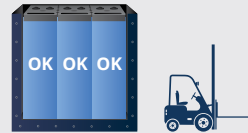
Active

Problematic module isolated via remote action (PBT Mode) without interrupting the operation of the battery & forklift



Inactive

Easy & safe replacement of faulty module in a few minutes



Active

Operation of battery & forklift back to normal

Sunlight Li.ON FORCE

is the first product in the market with **cloud access**, allowing remotely connection and bi-directionally communication via the **Sunlight GLocal** cloud platform

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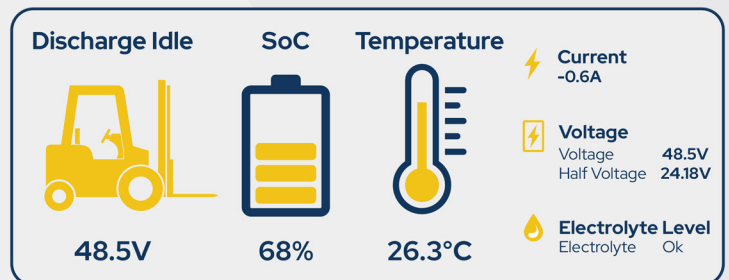
GLocal

Battery Intelligence

Battery Intelligence

Records are automatically captured and uploaded to Sunlight's GLocal cloud platform

Sunlight KnoWi and Sunlight GLocal cloud platform recommend upgrades to lithium-ion batteries, based on battery and forklift profiles by using AI and machine learning algorithms, along with an advanced lithium-ion calculator



GLocal Dashboard - Battery and Forklift profiles

Sunlight Group Energy Storage Systems is a world-leading technology company and provider of integrated and innovative energy storage solutions, with over 30 years of knowledge and experience. It exports to over 100 countries and operates state-of-the-art industrial units in Greece, Italy, and USA. Sunlight's clear vision and forward-facing strategy are driven and underpinned by a commitment to technological innovation and passion for excellence that supports sustainability and transition to a carbon-free future.



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