

SUNLIGHT

Li.ONFORCE

Innovation
meets the future



3
Li
Lithium

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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:
1-1.5h



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

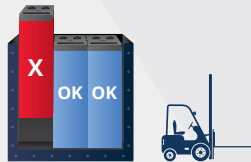
Parallel Battery Topology (PBT):

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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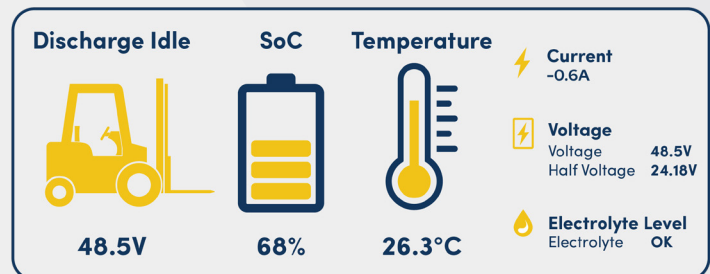
GLocal

Battery Intelligence

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

Battery Intelligence

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



GLocal Dashboard - Battery and Forklift profiles



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