RMS BATTERIES

LiONFORCE

Innovation meets the future



3 Li Lithium

POWER IS KNOWLEDGE

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

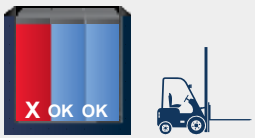
- Forklifts
- Floor cleaning equipment
- Material handling equipment
- Automated guided vehicles (AGVs)
- Aerial w

Ultimate Customer Experience

Fully charged in under 90 minutes, Li.ON FORCE batteries enable3-shift operations, without changing batteries in the middle of the workday

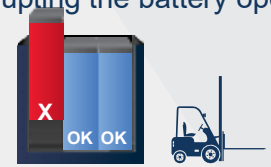
Parallel Battery Topology (PBT):

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



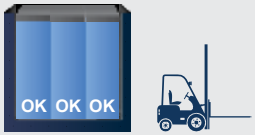
Active

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

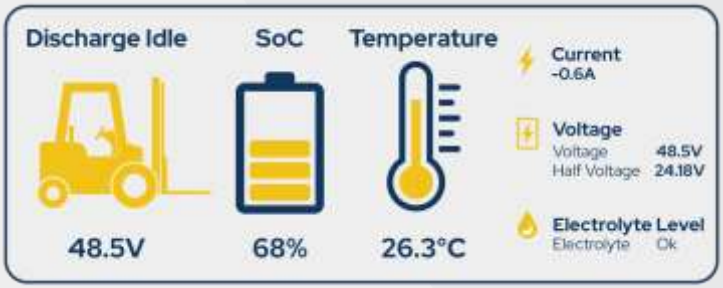
Operation of battery & forklift back to normal

Li.ON FORCE is the first product in the market with **cloud access**, allowing remotely connection and bi-directionally communication via the **GLocal** cloudplatform

Battery Intelligence

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

KnoWi and 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

RMS BATTERIES

RMS ENERGY STORAGE SYSTEMS SA

Imeros Topos, 19300 Aspropirgos, Greece

Tel +30 2105594236 info@rms-batteries, www.rms-batteries.gr