

**SUNLIGHT**  
POWER IS KNOWLEDGE

**XtremeForce**

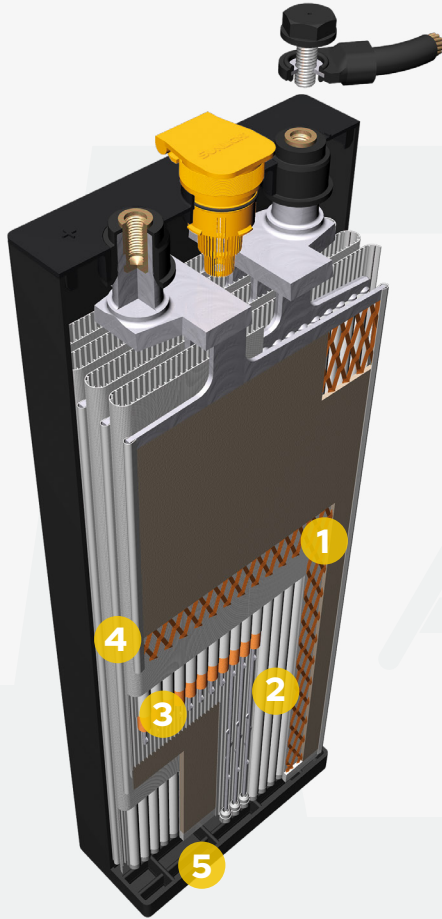
High performance and fast charging  
for demanding and multi-shift applications



82  
**Pb**  
Lead

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## Sunlight XtremeForce Cell



- 1 Copper Stretch Metal (CSM)**  
grid in negative plates for
- reduced internal resistance
  - increased current flow
  - fast & opportunity charging

- 3 Tubular Positive Plate**  
for long cycle life, endurance, and high power density

- 2 Sunlight Red Lead**  
99,99% pure lead for extended service life and full capacity within the first 3–5 cycles

- 4 Separator**  
Enveloped separator preventing short-circuits

- 5 Bottom Bar**  
Ultrasonically welded with gauntlets, an advanced design bottom bar provides space for the unavoidable spine growth during operation

## Applications



Heavy-duty applications



Cold storage and outdoor applications



Forklifts in high rack facilities with increased lifting requirements



Seasonal business with high activity peaks

# Sunlight KnoWi Battery Monitoring System

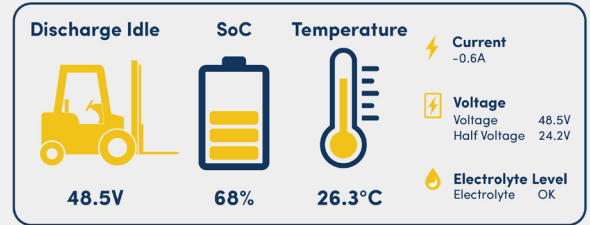
Take absolute control over the battery and forklift performance status with Sunlight KnoWi, the smart BMS



Battery Operation



BMS data capture & upload in GLocal



GLocal Dashboard - Battery and Forklift profile

Sunlight KnoWi and Sunlight GLocal cloud-based platform enable real-time monitoring of critical battery parameters and recommend upgrades to Lithium-ion batteries, by using AI and Machine Learning algorithms, along with an advanced Lithium calculator.

## An ideal choice for operations under extreme conditions



Multiple shift operations



Fast and opportunity charging



High energy density for demanding and heavy-duty applications



Fully charged in only 4-5 hours\*

*\*fast charging options available with the addition of Temperature Sensor and Air Lift*





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