

# Applications

## Most Preferred Choice for Motive Applications



**Industrial Forklifts and Pallet Trucks**  
(Logistics, warehousing and manufacturing plants)

**Automated Guided Vehicles**  
(Manufacturing plants)



**Ground Support Equipment**  
(Airports, cargo loading, ground transportation)

**Floor Cleaning Machines**

Available as complete batteries with various voltages ranging from 12V to 120V

- Cells available in plates

**PzS 60Ah - 155Ah**

**PzB 55Ah - 105Ah**
- Capacity range

**PzS 120Ah - 1550Ah**

**PzB 110Ah - 1050Ah**



**#1**  
plant worldwide with  
dynamic production  
of motive power and  
storage energy

**500+**  
clients in 130 countries

**Quality & Safety**  
in every step of the  
production lines

**Innovation**  
based on experience



GREECE | ITALY | ROMANIA | USA

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MP PZS PZB EUUS 1,21

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**Innovation**  
Energy • Data

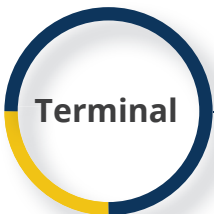




# Sunlight PzS PzB Cell



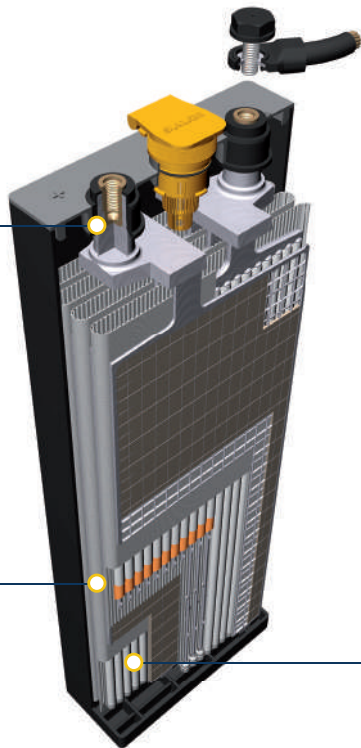
Designed and developed with performance, durability and safety in mind, PzS and PzB are a proven solution with excellent reliability and long service life!



Innovative conical design for perfect sealing



Enveloped separator preventing short-circuits



Performance and durability with ultrasonic welding of bottom bar

## Complete Battery Highlights

### Exit Cables & Battery Sockets

Insulated color marked exit cables with both types of battery sockets (DIN & Flat pole)

### Inter-cell Connectors

Flexible bolt-on connectors for fast and easy cell replacement



### Bolts

Plastic-head bolts with voltage measurement point

### Tray

Wide variety of sizes and colors with plastic powder coating

# Sunlight Tubular Plate

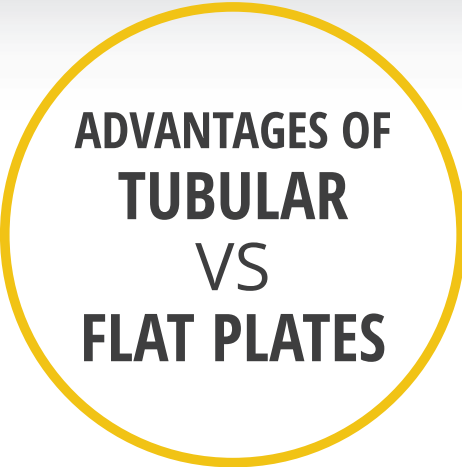
## Long Lasting Superior Performance

Higher Power Density

Increased Corrosion Resistance

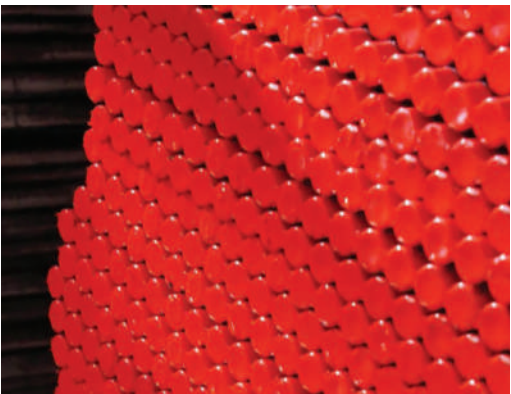
Excellent Active Mass Utilization

Higher Cycle Life



Improved Resistance to Acid Stratification

## The Red Lead Advantage



99.99% pure lead for Red Lead production

100% Red Lead in our positive plates through dry filling process

Full Capacity within the first 3-5 cycles

100% plates weight control and data statistical evaluation

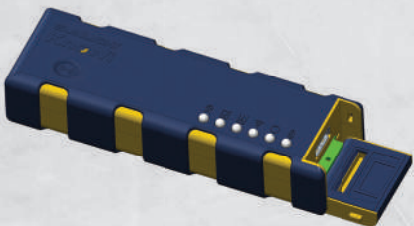
Low Mass Shedding through uniform filling of all tubes across the whole length

# Battery Monitoring System

## The more data you know, the smarter you go!



Innovative & Advanced Battery Monitoring System



Protection of your equipment

Maximization of battery service life

Reduced service and maintenance costs

Reduced downtime

Local and remote monitoring of batteries and forklifts from everywhere around the world

## Main BMS Features



- Real time monitoring
- Stand-alone Wi-Fi and GSM connectivity without extra hubs/gateways
- Battery Profiles and Forklift Profiles always live and active
- Entire fleet management both for Lead Acid and Lithium batteries through Sunlight GLocal cloud management system
- Advanced AI/Machine Learning algorithm proposals for replacement of Sunlight Lead-acid Batteries with Sunlight Lithium Batteries

