

Applications

Most Preferred Choice for Motive Applications



Pharmaceutical and Chemical

Cold Storage



Food & Beverage / Outdoor Applications

Floor Cleaning Machines
(Hygiene sensitive environments like hospitals, schools, food industry)

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

Cells available in plates Capacity range

PzV 60Ah - 140Ah

PzV 120Ah - 1120Ah

PzVB 70Ah - 85Ah

PzVB 140 - 680Ah



#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



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Innovation
Energy • Data



Sunlight MotionGel Cell



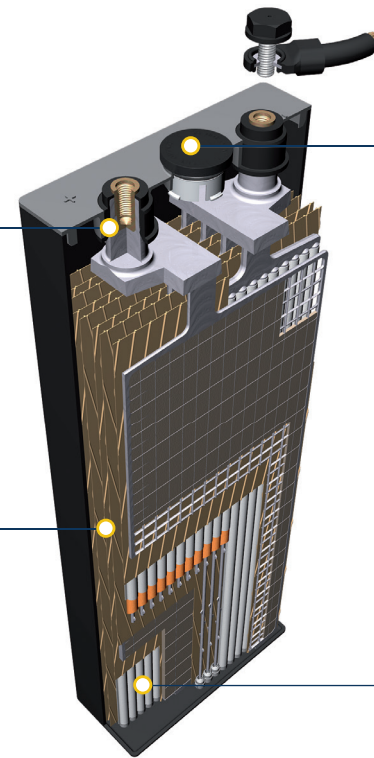
Maintenance free sealed-type battery with GEL electrolyte and minimum gas emissions.



Terminal
Innovative conical design for perfect sealing



Separator
Highly porous leaf separator preventing short-circuits



Valve
Pressure relief valve with flame arrester for increased safety



Tubular Positive Plate
Performance and durability with ultrasonic welding of bottom bar



Electrolyte
Electrolyte of high gel purity

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 & colors with plastic powder coating

Sunlight Tubular Plate & GEL Battery

Long Lasting Superior Performance

Maintenance-Free Operation

High Power Density

Minimum Gas Emissions

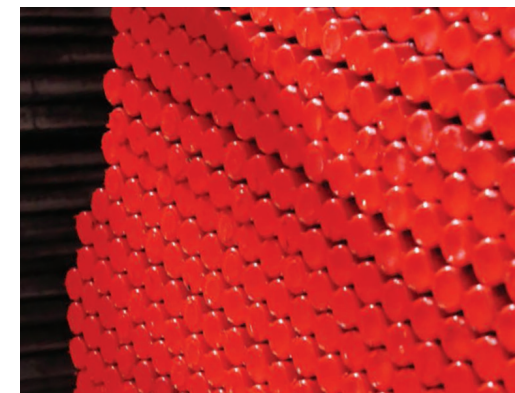
ADVANTAGES OF GEL BATTERIES WITH TUBULAR PLATES

Low Ventilation Requirements

High Cycle Life

No Water Topping-up Required

The Red Lead Advantage



99.99% pure lead for Red Lead production

100% plates weight control and data statistical evaluation

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

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

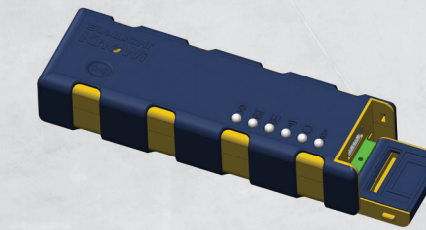
Full Capacity within the first 3-5 cycles

Battery Monitoring System

The more data you know, the smarter you go!

Knowi
SMART DATA MANAGEMENT

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

SUNLIGHT
POWER IS KNOWLEDGE



GLocal
Battery Intelligence

- 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

