

Valve Regulated Lead Acid Battery

This valve-regulated lead-acid (VRLA) battery provides a maintenance-free rechargeable power source. The deep cycle battery is sealed to prevent leaks and designed for a long service life.



ADDITIONAL IMAGES



Product Overview

Professional Grade VRLA Power Solutions

This maintenance-free valve-regulated lead-acid battery range offers versatile power solutions from 6V 1.2AH up to 12V 200AH. Engineered with high-porosity glass fiber separators and heavy-duty lead-calcium-tin alloy grids, these units ensure leakproof operation and excellent recovery from deep discharge. Designed for high reliability in both float and cycle applications, they provide a safe, consistent power source for critical industrial and commercial systems.

Technical Specifications

Voltage Options	6V, 12V
Capacity Range	1.2AH to 200AH
Float Design Life	5 years
Cycle Life	1200 cycles

Performance Metrics

Operating Temperature

-35 °C Min Temperature	45 °C Max Temperature
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Gas Recombination Efficiency	99 %
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Design & Safety

Safety Features

- Leakproof construction
- Automatic safety valve (2-5 psi)
- Flame retardant ABS (V0) optional
- Electrolyte suspension system

Mounting Options

Vertical, Horizontal

Applications

Industrial Applications

- Uninterruptible Power Supplies (UPS)
- PV solar systems
- Telecommunications
- Security and fire alarms
- Power tools
- Monitoring equipment
- Computer power systems