



# Valve Regulated Lead Acid (VRLA) battery with gel electrolyte technology

## Solar Battery Sub System

A range of 65 Ah to 250 Ah 12/24 V, valve-regulated lead acid (VRLA) battery with gel electrolyte technology to get long service lifetime and high performance in deep discharging. It can be used in a wide range of ambient temperatures and keeps good performance with constant power input

### Benefits

- Gel electrolyte, 12-year lifespan in float service application.
- Excellent capacity restoration, 95% capacity recovery after short circuit in 24 hours.
- Low self-discharge rate, less than 3% per month
- Wide application temperature range, -20 °C~55 °C
- High charge efficiency, good small current charge absorption ability
- Water-proof, patented design that enables underground battery installation
- Ventilation pipe, release the gas from the battery to the air for safe CE-certified operation

### Features

- IP 68 Patented Design for installing underground
- IP 67 Poka Yoke connectors with tactile audible feedback
- Temperature sensor for efficient compensation implementation in the charge controller.

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## Application

- Solar Street lighting
- Solar Flood Lighting

## Versions

