Valve Regulated Lead Acid (VRLA) battery with Gel electrolyte technology

Solar Battery Sub System

A range of 65 Ah to 250 Ah 12/24V, 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 wide range of ambient temperature and keep good performance of constant power input.

Benefits

- Gel electrolyte, 12 years 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 enable underground battery installation.
- Ventilation pipe, release the gas from 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 Charge controller.
Solar Battery Sub System

Application
- Solar Street lighting
- Solar Flood Lighting

Versions

Lithium Ferro Phosphate battery

Lithium Ferro Phosphate battery

Lithium Ferro Phosphate battery

Lithium Ferro Phosphate battery

Lithium Ferro Phosphate battery

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Solar Battery Sub System

Dimensional drawing

Operating and Electrical
Cable connection kit Included

Approval and Application
Ingress protection code IP68

Operating and Electrical

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<th>Order Code</th>
<th>Full Product Name</th>
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<th>Battery charging &amp; discharging cycles</th>
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**Ambient temperature range:**

- Product family leaflet, June 9, 2023
- Data subject to change
## Solar Battery Sub System

### Application Conditions

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**Product family leaflet, 2023, June 9**

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