



# 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, -20C~55C
- · 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



LMLA Gel Battery



© 2020 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.