

# Solar Gel Battery for Energy Storage

This solar gel battery features a long design life in floating conditions and a wide operating temperature range. Its nano gel electrolyte eliminates acid stratification, prolonging cycle life and enabling versatile vertical or horizontal orientation.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Energy Storage

The TNG Series utilizes a cutting-edge combination of nano gel electrolyte and advanced AGM structure to provide superior reliability in harsh environments. Designed for longevity and excellent cycling capabilities, this battery is an ideal solution for renewable energy systems and telecom applications. Its maintenance-free design ensures stable, long-lasting performance for professional power backup requirements.

## Technical Specifications

### Key Performance Metrics

**60 A**

Max Initial Charge Current

**1.8 Vpc**

End Voltage per Cell (C10)

**Rated Capacity** 300 Ah

**Nominal Voltage** 2 V

## Charging Parameters

### Charging Voltages

Application Type	Voltage Range
Standby Use	2.23 - 2.27V
Cycle Use	2.35 - 2.40V

## Certifications and Safety

### Safety and Handling

- Non-spillable battery technology
- Must be recycled at end of life
- Use only approved chargers
- Avoid short-circuiting terminals
- Do not incinerate, crush, or disassemble
- Maintain upright position during operation
- Verify polarity before connection

### Certifications

ISO9001, ISO14001, CE