

OPzV Tubular Gel Battery

12V 100Ah



Eco Green Energy Gel Battery

Eco Green Energy OPzV tubular gel batteries were designed to deliver the best performance and durability. The use of top-quality raw materials enables the Eco Green Energy batteries to be protected from corrosion, while extending the battery's cycle life.

KEY FEATURES

- Low self-discharge and long shelf life
- Safety valve installation for explosion proof
- Non-spillable construction
- Exceptional deep discharge recovery performance

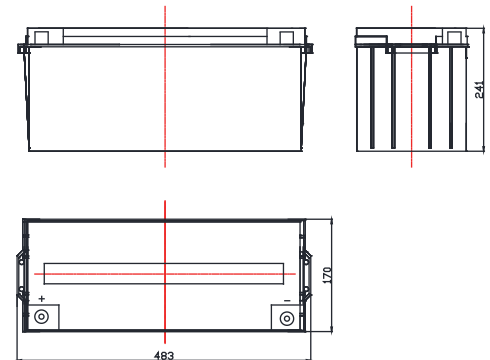
Electrical Parameters

Nominal Voltage	12V
Number of Cells	6
Rated Capacity (C10 to 1.80V per Cell)	100Ah
Charge Voltage at 25 °C	
- Float Voltage	13.50-13.80V
- Float Temperature Compensation Coefficient	±3mV/Cell °C
- Average Voltage	14.40-14.70 V
- Equalization Temperature Compensation Coefficient	±5mV/Cell °C
Max Charge Current	25A
Max Discharge Current	300A
Self-Discharge rate at 25 °C	3% per month



Environmental Parameters

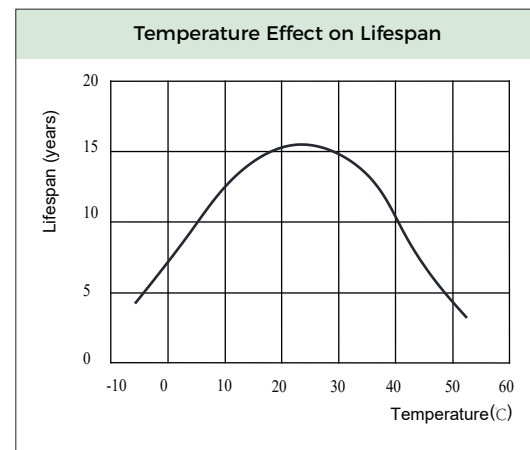
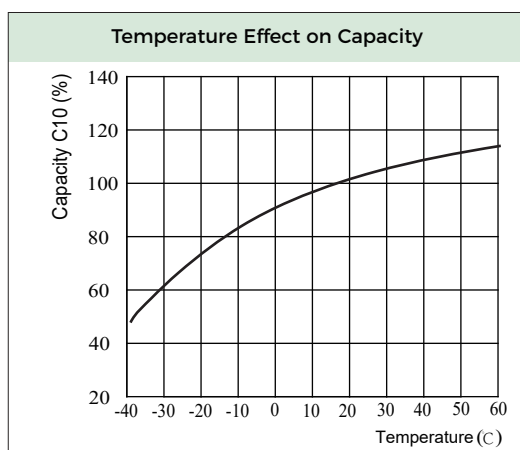
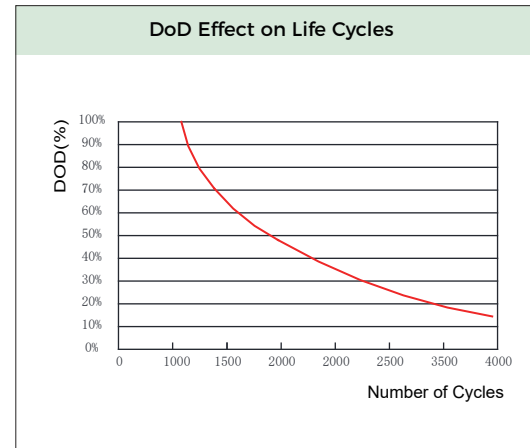
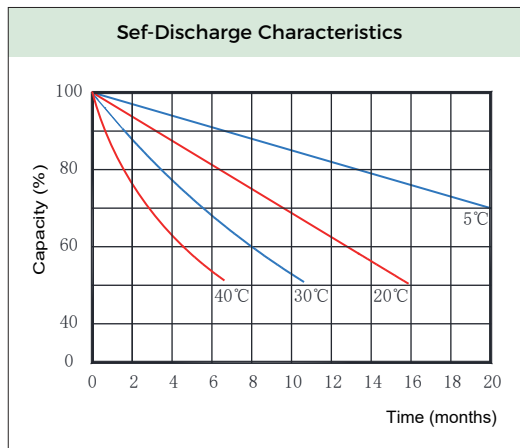
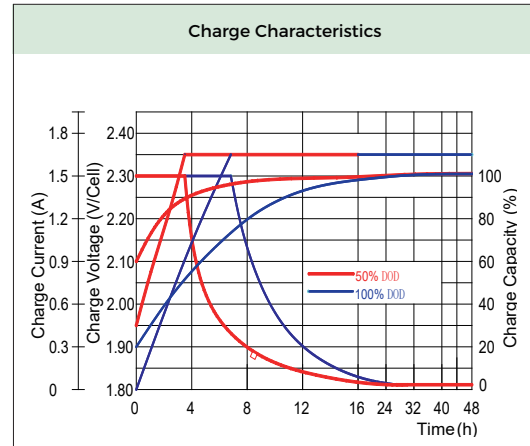
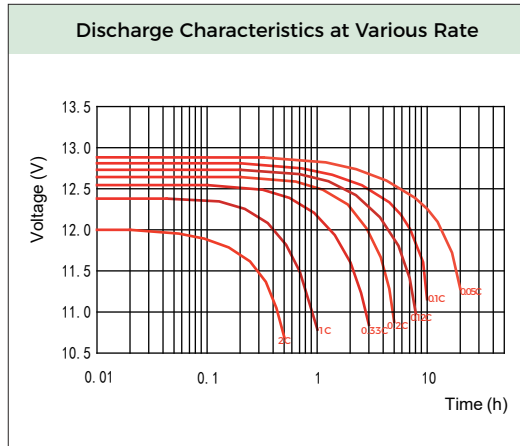
Recommended Operating Temperature Range	15 - 25°C
Operating Temperature Range	
- Discharge	-45 - 50°C
- Charge	-20 - 45°C
Storage Temperature Range	-30 - 40°C



Mechanical Parameters

Dimensions (L*W*H)	483*170*214mm
Total height	241mm
Weight	37.8kg
Terminal Bolt Size	M8
Recommended Terminal Initial Torque	14.7-19.5Nm
Cover Material	ABS

PERFORMANCE CHARACTERISTICS



Note The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice.