

Deye BOS-GL60

60kWh low voltage battery system for North America with modular design and scalability.

Models Covered: BOS-GL60

Manufacturer: Ningbo Deye Technology Co., Ltd. (Stock Code: 605117.SH)

Application: The Deye BOS-GL60 & BOS-GH60 are low voltage battery systems designed for the North American market. Featuring 60kWh nominal capacity, 51.2V nominal voltage, LiFePO₄ chemistry, modular stackable design, intelligent BMS, parallel connection capability, comprehensive safety protection, and compliance with North American standards, they provide reliable and scalable energy storage for residential and light commercial applications.

Technical Specifications

Parameter	BOS-GL60
Electrical / AC Output Data	
Nominal Voltage	51.2 V
Operating Voltage Range	268.8~350.4 V
System Capacity	60 W
System Nominal Voltage	307.2 V
Module Nominal Voltage	51.2 V
Status Indicator	Yellow: Battery High Voltage Power On
Battery Data	
System Energy	61.44 kWh
Usable Energy	55.29 kWh
Battery Type / Chemistry	LiFePO4
Cycle Life	25±2°C,0.5C/0.5C, EOL70%≥6000 cycles
Module Capacity	100 Ah
Module Energy	5.12 kWh
Nominal / Rated Charge-Discharge Current	100 A
Number of Battery Modules	6
Peak Charge/Discharge Current	125 A
Recommended DoD	90%
Protection Features	
IP Rating	IP20
Mechanical Data	
Design / Form Factor	Rack Mounting
Installation / Mounting	and Operation Instructions
Operating Conditions	
Charging Temperature Range	0~55 °C

Parameter	BOS-GL60
Discharging Temperature Range	-20~55 °C
Max Altitude	≤2000 m
Relative Humidity	5% - 85% (RH)
Storage Temperature Range	0~35 °C
Communication	
Communication Interface	CAN2.0/ RS485

Note: Specifications are based on the official Deye BOS-GL60 datasheet. Values may be subject to change; always verify against the latest manufacturer documentation before system design and procurement.

Availability & grid compliance in UAE

Market	UAE
Grid authority / regulator	DEWA, ADDC, SEWA
Quotation currency	AED
Support hours timezone	Asia/Dubai
Delivery & installation coverage	Dubai, Abu Dhabi, Sharjah, Ajman, Ras Al Khaimah

Figures on this page are the manufacturer's own, measured at the test conditions the datasheet states — they do not change by country. What changes is the approval that has to be met before the unit is energised: in UAE that is DEWA, ADDC, SEWA. Confirm the grid code, import requirements and any local certification with them, or with us, before you order.

Key Features & Technical Highlights

- **60kWh Capacity:** High-capacity system
- **NA Certified:** UL and FCC compliant
- **Modular Design:** Stackable and scalable
- **Intelligent BMS:** Advanced protection
- **Long Life:** ≥6,000 cycles
- **Residential/Commercial:** Versatile applications

Frequently Asked Questions

- ▶ Is the DEYE BOS-GL60 suitable for hot climates like the Gulf?
- ▶ What is the difference between GL60 and GH60?
- ▶ Is this certified for North America?

Official Source & Documentation

This technical datasheet is derived from official manufacturer documentation provided by **Ningbo Deye Technology Co., Ltd.**. For the latest specifications, firmware updates, and official documentation, visit the manufacturer's website.

- **Manufacturer Website:** www.deyeinverter.com
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Disclaimer: All specifications and technical data presented on this page are based on the official Deye BOS-GL60 datasheet published by Ningbo Deye Technology Co., Ltd. Specifications are subject to change without notice. Always verify against the latest manufacturer documentation at deyeinverter.com before system design, procurement, or installation. Compliance with local regulations, grid codes (DEWA, ADDC, SEWA) and utility requirements in UAE is the responsibility of the system designer/installer.

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