SUNGOLDPOWER

SG48200T 51.2V 200Ah

10.24kWh LiFePO4 Battery

UL1973 UL9540A Certificates



- 10.24 kWh — Large-Capacity Battery
- Efficient Performance
- LCD — LCD Display
- LiFePO4 batteries safe and reliable
- BMS — Intelligent BMS
- WiFi Monitoring (Optional)
- Max 32 Units in Parallel
- Wall-mounted or ground

Introduction

- The **10.24kWh 51.2V 200Ah** LFP Battery is compact and well-designed, offering over **8000 deep cycles**. It can connect up to **32** units in parallel, providing a total capacity of **328kWh.** This versatility makes it ideal for residential and commercial applications, as well as other energy storage systems
- It introduces touch-screen panel for **real-time monitoring,** displaying vital information like state of charge, current, and voltage. It allows monitoring, enhancing user interaction and efficiency. **The intelligent BMS system** monitors abnormal conditions such as overcharge, over-discharge, overvoltage, overheating and more, helping to maximize battery performance.
- The **CAN/RS485 Communication** is compatible with most inverters on the market, including Growatt, SunGoldPower, Luxpower, Victron Energy, Schneider, EG4, Sol-Ark, Victron, Mppsolar, Megarevo, and more.
- Supports **WiFi/Bluetooth** monitoring, allowing user to quick and easy access to battery data on mobile phone.
- Supported by a **10-year warranty** and backed by technical support, SUNGOLDPOWER ensures exceptional pre-sales and after-sales service, providing peace of mind for all your energy needs throughout its 15-year life span.

Technical Specifications

Product Model	SG48200T	
Rated voltage	51.2V	
Max. voltage range	44.8V~57.6V	
Charge voltage	56.0V	
Float charge voltage	54.6V	
Nominal enery@0.5c	10.24kWh	
Usable enery@0.5c	9.84kWh	
Nominal capacity@0.5c	200Ah	
Dimension	21.1* 37.2*6.8 inch (535*944*173mm)	
Weight	198.4lb (90kg)	
Standard charge current	≤100A	
Max. charge current	140A	
Standard discharge current	≤100A	
Max. discharge current	200A (initial temp. ≤86°F (30°C))	
Peak discharge current	200~240A@5mins | 240~300A@15S	
Communication	RS485 /CAN Optional: WiFi	
Max parallel number	32pcs	
Operation temperature 1	Charge: 32°F to 122°F(0 to 50°C) Discharge: 14°F to 122°F (-10 to 50°C)	
Storage temperature @off mode	32°F(0°C)<T<86°F(30°C)	<6 months
	14°F(-10°C)<T<113°F(45°C)	<3 months
	Recommended environment	59°F to 95°F (15~35°C), 5~75%RH
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