Introduction

- The Powerwall X 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. allows monitoring, enhancing user interaction and efficiency. Intelligent BMS protects the battery from overcharging, deep discharging, overloading, overheating, and short circuits.

- The CAN/RS485 Communication Protocol Lithium-Ion Battery is compatible with most inverters on the market, including Growatt, Deye, SunGoldPower, Luxpower, Victron Energy, Schneider, EG4, Sol-Ark, Victron,Mppsolar, Megarevo, and more.

- 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 lifespan.

Technical Specifications

Product Model	SG48200T	
Rated voltage	51.2V	
Max. voltage range	44.8~57.6V, Shipping voltage>51.2V	
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℉ (30℃))	
Peak discharge current	200~240A@5mins | 240~300A@15S	
Communication	RS485 /CAN	
Max parallel number	32pcs	
Operation temperature 1	Charge: 32℉ to 122℉(0 to 50℃)	
	Discharge: 14℉ to 122℉ (-10 to 50℃)	
Storage temperature @off mode	32℉(0℃)<T<86℉(30℃)	<6 months
	14℉(-10℃)<T<113℉(45℃)	<3 months
	Recommended environment	59℉ to 95℉ (15~35℃), 5~75%RH
Certificates	UN38.8 MSDSUL1973 UL9540Ais coming soon.	

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