

Slimline Powerwall Battery PWG4



Features

- Ultra thin wall mounted storage design, beautiful and atmospheric, perfectly integrated into the home environment
- Built in high stability BMS, with overcharge, discharge, overcurrent, high and low temperature protection functions
- With LED screen to display voltage, current, temperature and other information, convenient for users to query
- It supports 15 groups of parallel operation at most, and can cope with long-term power consumption environment
- Adapt to mainstream brand inverters in the market to provide users with more choices



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Specifications

Model	ZECO2560-PWG4	Remark
Nominal energy	2560Wh	Standard charging and discharging mode test
Series parallel connection	8 strings 1 combined	8S1P
Nominal capacity	100Ah	Standard charging and discharging mode test
Nominal voltage	25.6V	/
Operating voltage range	20~29.2V	Temperature range :-20~65 C
Operating temperature (charging)	0~65 C ≤90%ROH	
Operating temperature (Discharging)	-20~65 C ≤90%ROH	
Standard charging	Constant current charging: 50A Charging voltage: 29.2A Cut off current: 5A	Maximum unit voltage 3.65V
Maximum continuous charging current	Constant current charging: 100A Charging voltage: 29.2A Cut off current: 5A	Maximum unit voltage 3.65V
Standard discharge	Constant current discharge: 50A Cut off voltage: 20V	T ≥0 C Minimum monomer voltage 2.5V
Maximum continuous discharge current	Constant current discharge: 100A Cut off voltage: 20V	T ≥0 C Minimum monomer voltage 2.5V
Storage temperature	-20~65 C	Storage environment humidity≤95%ROH, no condensation.
Cycle life	Capacity decay to 80Ah, Number of cycles ≥ 6000;	90% DOD, @25±2 C , standard charging and discharging mode
Monthly self discharge	≤2.5% Per month	After three months shipment, the battery will be charged to 40% SOC and stored at @ 25.2 C
Monitoring communication	RS232/RS485/CAN	
Balanced approach	Passive equalization	
Shipping capatity	SOC 30~70% (TBD)	SOC 30~70% (TBD)
Weight	24.3±2Kg	
Size(LxWxH)	(375x92.5x560) ±1mm	



High cycle life

>8000 cycles @80% DoD for effectively lower total of ownership cost



Longer service life

Low maintenance batteries with stable chemistry.



Built in circuit protection

Battery Management System (BMS) is incorporated against abuse.



Better storage

Up to 6 months thanks to its extremely low self discharge (LSD) rate and no risk of sulphation.



Quickly recharge

Save time and increase productivity with less down time thanks to superior charge/discharge efficiency.



Extreme heat tolerance

Suitable for use in a wider range of applications where ambient temperature is unusually high: up to +45°C.



Lightweight

Lithium batteries provide more Wh/Kg while also being up to 1/3 the weight of its SLA equivalent.



Function

Support parallel operation