

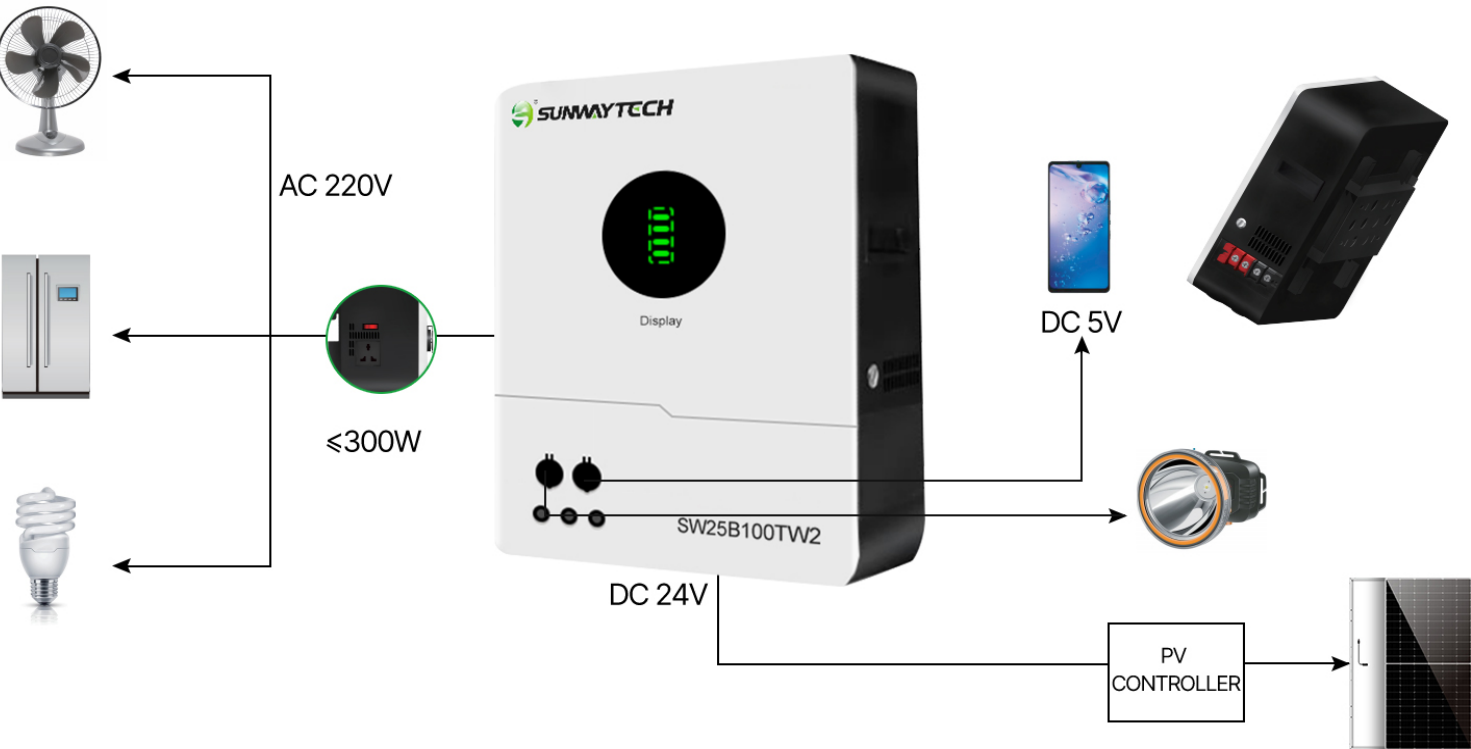
LITHIUM BATTERY
— model 25.6V 100AH



★ MAIN FEATURES

- The appearance size is greatly reduced
- Wall mounted/shelf installation available
- Added switch button
- The three-year warranty cannot be achieved for the plastic housing, we replaced it with sheet metal shell
- Support in parallel & series connection(Max 2s2p)
- The heat dissipation capacity of the product is greatly improved, and the whole battery supports 1C charge and discharge
- Low self discharge
- Built in protection for over-charge, over-discharge & over-temperature

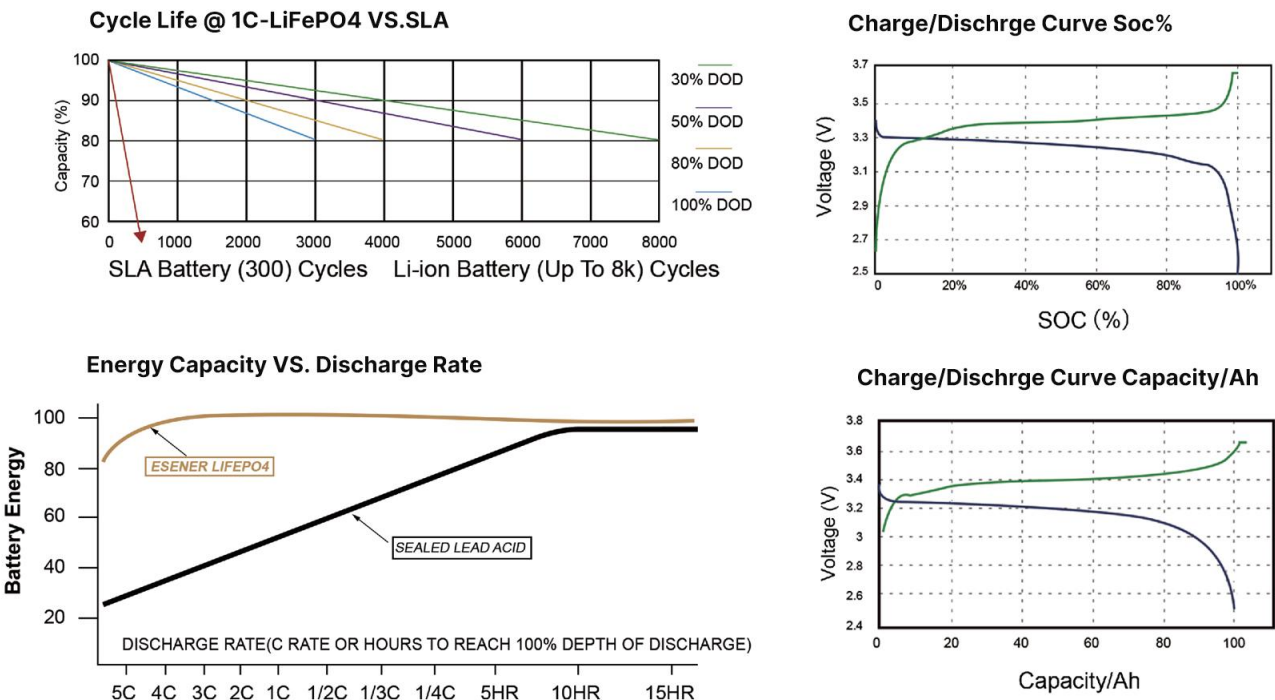
★ PHOTOVOLTAIC ENERGY STORAGE DIAGRAM



★ MAIN MODELS & TECHNICAL SPECIFICATION

Models	SW25B100TW2
Nominal Voltage (V)	25.6V
Nominal Capacity (AH)	100AH
Equalized Charge Voltage(V)	29.2V
Discharge Cut-off Voltage(V)	23V
Float Voltage (V)	27V
Bulk Voltage (V)	27.6~28.4V
Discharge Current Max Continuous (A)	100A
Pulse Current 5 Sec	120A
Weight	24.5+0.3kg
Dimensions L*W*H(mm)	442*440*143mm
Operation Temperature	-Charging:0°C to 50°C
	Discharging:-10°C to 50°C
Storage Temperature	-10~50°C
Relative Humidity(RH)	20-60(No Condensed Water)
Protection	IP33
Safety Certificate	CE,UN38.3,IEC,MSDS

★ CURVES



SUNWAY WALL MOUNTED LITHIUM BATTERY

——51.2V102AH 5.22KWH / 51.2V204AH 10.44KWH



★ MAIN FEATURES

- Reduce floor space,wall-mounted installation(PowerWall).Wall mounted or floor mounted can be freely selected
- LFP rechargeable battery A+ Grade cell
- Good compatibility,standard communication protocol.CAN and RS485,- compatible with most popular hybrid and off grid inverters in the market
- Extramly long life cycle,more than 6000 times or 10 years
- High protection measures,built-in Aerosol active fire protection module,thermal runaway detection and active fire protection
- Good extendibility



★ PRODUCT SIZE



420mm



163mm

★ SPECIFCATION

Models	SW51B100TW2	SW51B200TW2
Usable Capacity	5.22kWh	10.44kWh
Normal Capacity	102Ah	204Ah
Voltage	51.2V	
Discharge Voltage Range	43.2V~57.6V	43.2V~57.6V
RateCharging/Discharging Current	75A	80A
Max.Output Power	3840W	4096W
Rated Output Power	3840W	4096W
DOD	90%	
Modules Connection	Support 1-15 in parallel	
Communication	CAN/RS485	
Cycle Life	≥6000	
Working Temp.Range	Charge: 0℃~+55℃;Discharge: -10℃~+55℃	
Storage Temperature	-10℃~+35℃	
Net Weight	48.5kg	94kg
Gross Weight	52.5kg	125kg
Product Dimension	420*163*700mm	570*203*850mm
Design Life	15years	
Features	HD touch screen,active balance	
Certification	CE MSDS IEC EMC UN38.3	

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SUNWAY WALL MOUNTED LITHIUM BATTERY

—51.2V125AH 6.4KWH



★ MAIN FEATURES

- Reduce floor space,wall-mounted installation(PowerWall).Wall mounted or floor mounted can be freely selected
- LFP rechargeable battery A+ Grade cell
- Good compatibility,standard communication protocol.CAN and RS485,- compatible with most popular hybrid and off grid inverters in the market
- Extramly long life cycle,more than 6000 times or 10 years
- High protection measures,built-in Aerosol active fire protection module,thermal runaway detection and active fire protection
- Good extendibility

★ PRODUCT SIZE



520mm



200mm

★ SPECIFCATION

Models	SW51B125TW2
Usable Capacity	6.4kWh
Normal Capacity	125Ah
Voltage	51.2V
Discharge Voltage Range	43.2V~57.6V
RateCharging/Discharging Current	80A
Max.Output Power	5kW
Rated Output Power	4kW
DOD	90%
Modules Connection	Support 1-15 in parallel
Communication	CAN/RS485
Cycle Life	≥6000
Working Temp.Range	Charge: 0℃~+55℃;Discharge: -10℃~+55℃
Storage Temperature	-10℃~+35℃
Net Weight	54.5kg
Gross Weight	62.5kg
Product Dimension	520*200*750mm
Design Life	15years
Features	HD touch screen,active balance
Certification	CEMSDSIECEMCUN38.3

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51.2V280AH 14.33KWH LITHIUM BATTERY

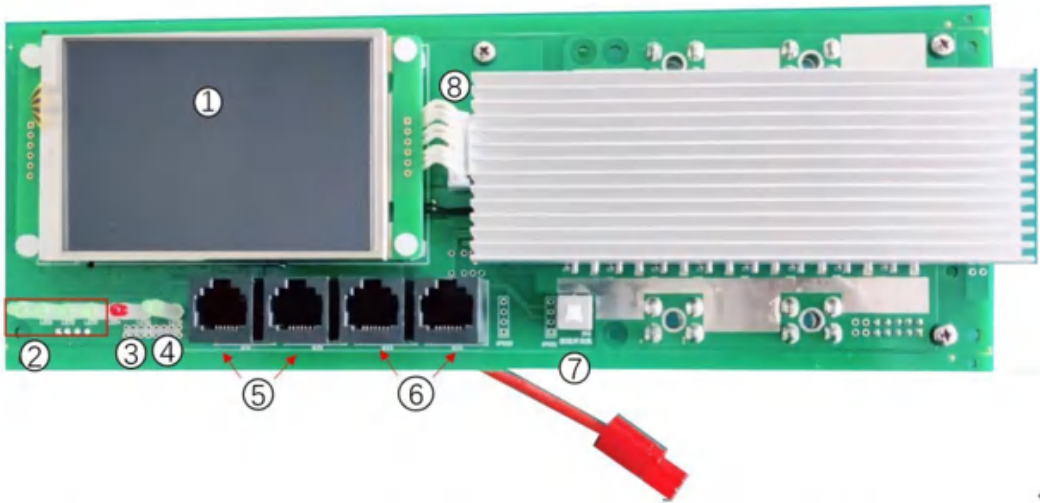
Lithium iron phosphate battery system is a standard battery system unit, customers can choose a certain number of lithium battery according to their needs, by connecting parallel to form a larger capacity battery pack, to meet the user's long-term power supply needs. The product is especially suitable for energy storage applications with high operating temperatures, limited installation space, long power backup time and long service life.



★ MAIN FEATURES

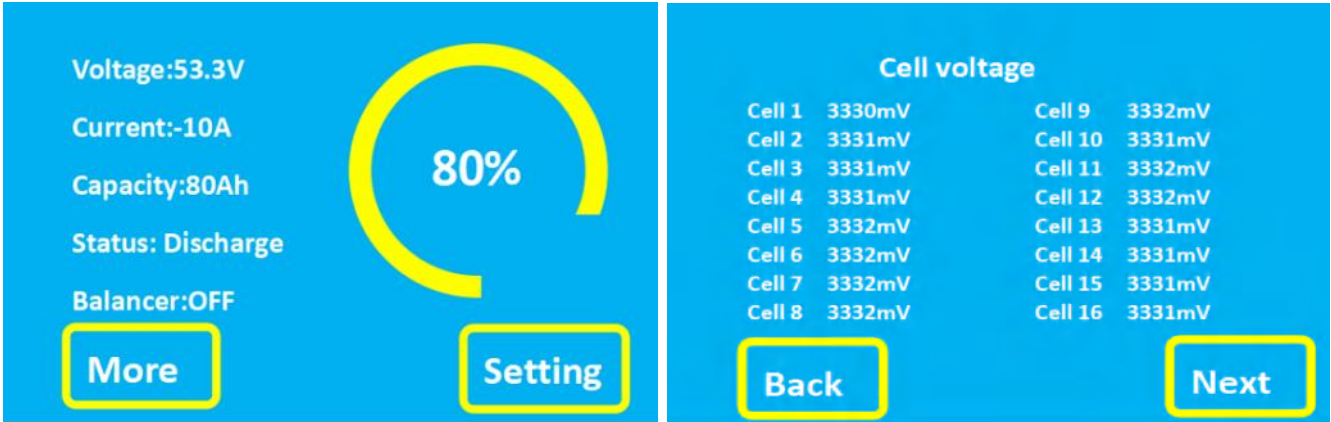
- The whole module is non-toxic, non-polluting and environmentally friendly
- Safety performance and long cycle life
- Battery management system with better performance, possesses protection function like over-discharge, over-charge, over-current, abnormal temperature
- Self-management on charging and discharging, Single core balancing function.
- Intelligent design configures integrated inspection module
- Flexible configurations allow parallel of multi battery for longer standby time
- Less battery self-discharge, then recharging period can be up to 10 months during the storage.

★ BMS Board introduction



1. Touch display ↵
2. Capacity indicator ↵
3. Alarm LED ↵
4. RUN indicator↵
5. CAN port ↵
6. RS485 port ↵
7. ON/OFF↵
- 8.Display interface module

★ SCREEN INTERFACE INSTRUCTION



★ PERFORMANCE PARAMETER

Models	SW51B300TW2
Nominal Voltage (V)	51.2V
Nominal Capacity (AH)	280AH
Nominal Capacity (WH)	14336WH
Usable Capacity (WH)	12902.4WH
Discharge Voltage (V)	48.5V
Charge Voltage (V)	55V
Recommend Charge/ Discharge Current (A)	140A
Max. Charge/ Discharge Current(A)	200A
Communication	RS485/CAN
Working Temperature	-20℃~70℃(25℃)
Storage Temperature	-40℃~85℃(25℃)
Humidity	10%-85%
Certification	CE/ IEC/ UN38.3/ MSDS
Design Life	10 years+
Cycle Life	>8000@90%DOD
Dimension	650*450*250mm
Weight(Kg)	115Kg

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