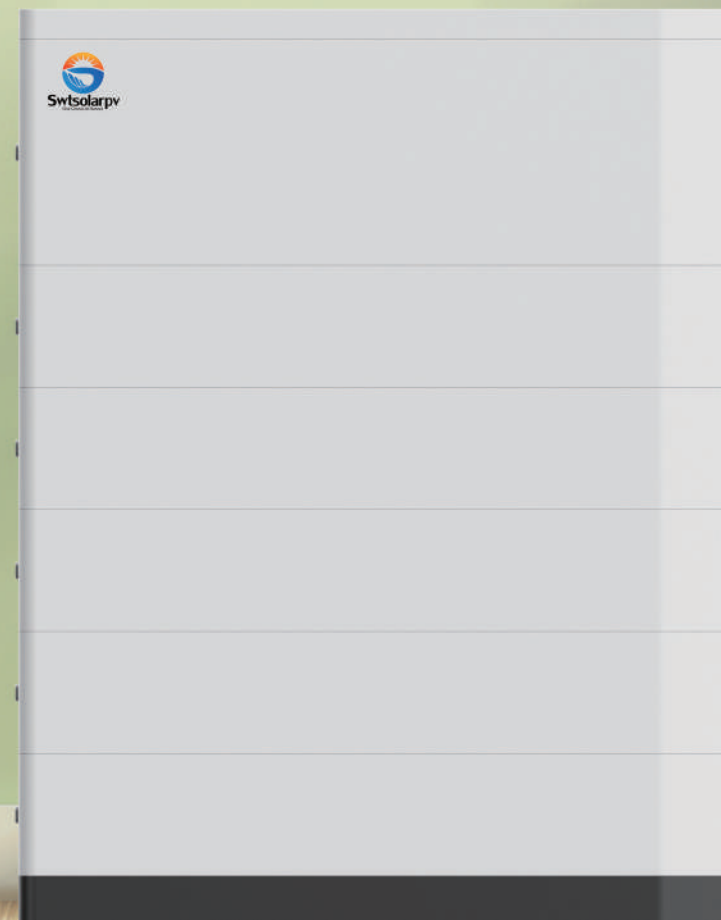
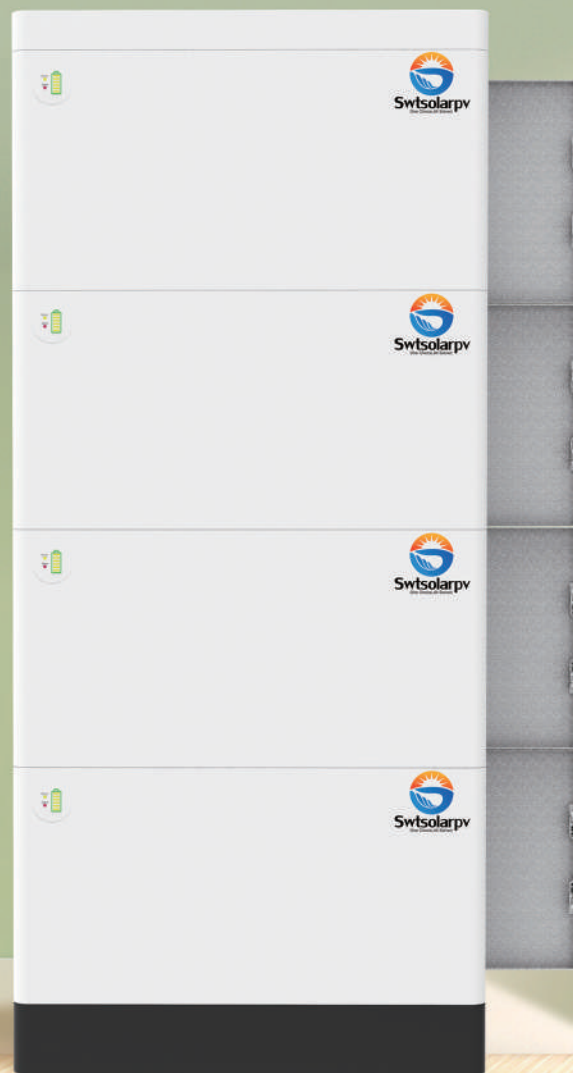




STACKABLE LITHIUM BATTERY



Stacked Lithium Battery

Introduction:

With increased energy storage capacity, scalability, faster charging and discharging, enhanced reliability and safety features, and space efficiency, stacked lithium batteries are a promising solution for both residential and commercial applications.



Cost Effective



Intelligent BMS



Safe and Reliable



Easy Installation



Longer Lifetime



Modular Design

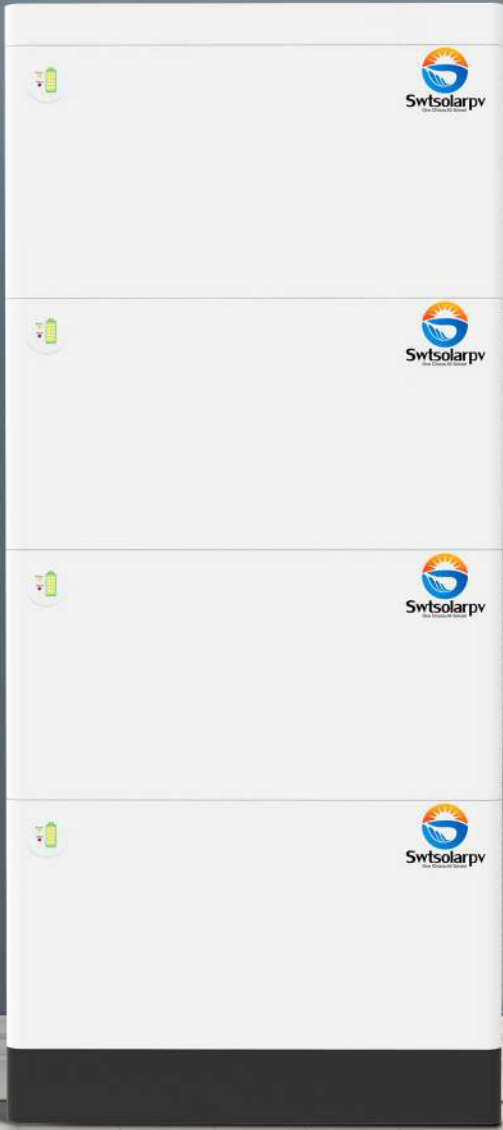


Model	SBS2.56K3-FL3	SBS5.12K3-FL3	SBS7.68K3-FL3	SBS10.24K3-FL3
Type	Lithium battery			
Nominal Voltage	51.2V			
Battery Module	2.56KWH	5.12KWH	7.68KWH	10.24KWH
Nominal Capacity/Energy	50Ah/2.56KWH	100Ah/5.12KWH	150Ah/7.68KWH	200Ah/10.24KWH
Rated Capacity/Energy	45Ah/2.3KWH	90Ah/5.12KWH	135Ah/6.9KWH	180Ah/9.2KWH
Operating Voltage	47.2-56.8V	47.2-56.8V	47.2 -56.8V	47.2-56.8V
Rated Charging/Discharging Current	25A	50A	75A	100A
Max Charging/Discharging Current	48A	96A	100A	100A
Over Current Protection	49A	98A	110A	110A
Rated Charging/Discharging Power	1.28KW	2.56KW	3.84KW	5.1KW
Max Charging/Discharging Power	2.45KW	4.9KW	5.63KW	5.63KW
Battery Type	Lithium Iron (LFP)			
Operative Temperature Range	-10-50℃			
Recommended Operating Temperature	15C~30℃			
Cooling	Natural cooling			
Efficiency Of Discharge	96~99%@1C			
Function				
Installation	Floor standing installation			
Output Port	IP20			
Alarm&Protection	Over Voltage, Under Voltage, Over Current Over temperature, Short Circuit etc.			
Communication Port	RS232/CAN/RS485(Optional)			
Cell Safety Certification	CE.IEC62619.UL1973CECUN38.3			

Stackable Series

Introduction:

Power up your energy storage with compact size, lightweight design, and effortless installation of standardized modules, leveraging the advantages of high voltage.Effortlessly customize battery combinations to meet your energy storage needs.



- 
High Capacity
- 
Scalable Design
- 
Real-time Monitoring
- 
High Voltage
- 
Efficient Performance
- 
Safe and Reliable
- 
Intelligent BMS
- 
Seamless Integration

Model	SBS2.56K3-GL3	SBS5.12K3-GL3
Nominal Voltage(VDC)	51.2	51.2
Nominal Capacity(WH)	2560	5120
Working Voltage Range(VDC)	129.6~516.6	129.6~350.4
Charge Voltage(VDC)	56.16	56.16
Nominal Charge/Discharge Current(A)	25	50
Max.Charge/Discharge Current(A)	50	100
Peak Current(A)	100@3sec	200@3sec
Series Connection	3-10 pcs	3-6 pcs
Cycle Life	6000@80%DOD, 25°C /0.5C	
Structure		
Power Module Dimensions(MM)Weight(KG)	600*210*250/14	610*225*250/15
Battery Module Dimensions(MM)Weight(KG)	600*210*160/27	610*225*250/52
Lampstand Module Dimensions(MM)Weight(KG)	600*210*90/5	610*225*90/5.5
Top Cap Module Dimensions(MM)Weight(KG)	600*210*50/2.5	610*225*50/3
IP Rating	IP65	
Installation	Stacked	
Working Environment		
Charge Working Temperature(°C)	0~55	
Discharge Working Temperature(°C)	-20~60	
Altitude(M)	< 2500	
Humidity(RH)	5~95%(w/o condensing)	
Communication		
Communication Port	RS485,CAN	
Display	SOC status indicator, LED indicator	
Certification		

CB,IEC62619,CE-EMC,CE-GPSD,UKCA, UL1973,UL9540A,EN62040,IEC62040; UN38.3,MSDS

High Voltage Residential LiFePO4 Energy Storage Battery-BYD Blade Cell

Introduction:

The residential battery storage system is an intelligent HV solar rechargeable battery unit that enables homeowners to store electricity generated by the residential solar power system or grid for emergency battery power supply for homes.



Villa



Household



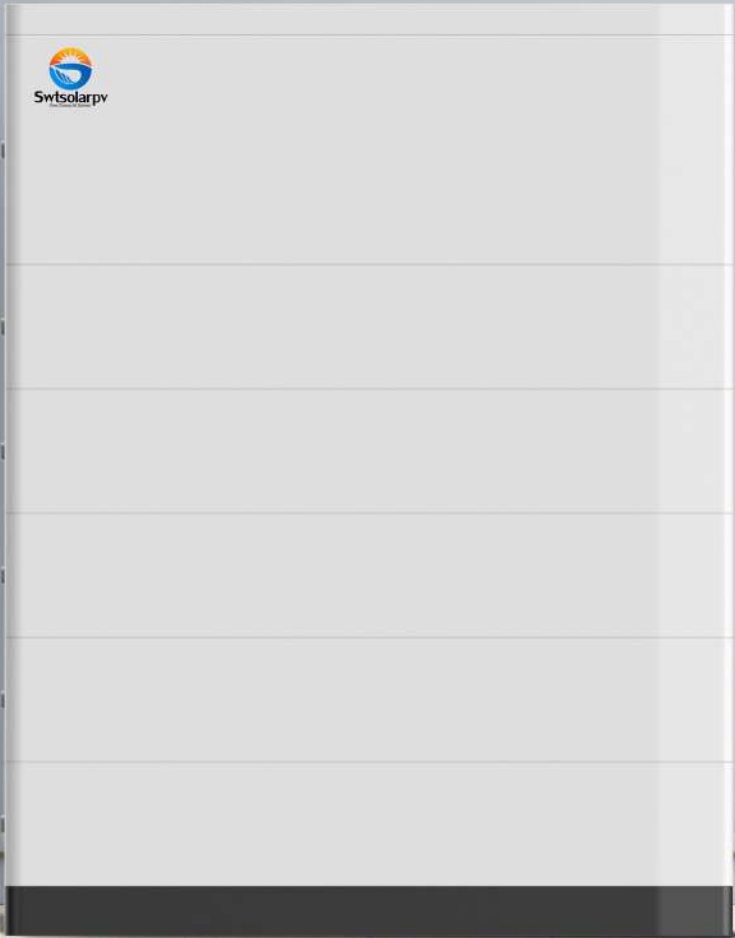
Farm



Base Station



Emergency power supply



Model	SBS12.29K42-EB2	SBS18.43K43-EB2	SBS24.57K44-EB2	SBS30.72K45-EB2	SBS36.86K46-EB2
Performance					
Battery Type	Lithium-iron phosphate (LiFePO4)				
Nominal Battery Energy(KWH)	12.288KWH	18.432KWH	24.576KWH	30.72KWH	36.864KWH
Nominal Capacity(AH)	120AH	120AH	120AH	120AH	120AH
Nominal Voltage(V)	102.4V	153.6V	204.8V	256V	307.2
Operating Voltage Range(V)	86.4V~115.2V	129.6V~172.8V	172.8V~230.4V	216V~288V	259.2V~345.6V
Module Number	2	3	4	5	6
Standard Charging Current(A)	30A@25°C				
Max. Constant Charging current(A)	120A@25°C				
Standard Discharging Current(A)	60A @ 25°C				
Max constant Discharging Current(A)	120A @ 25°C				
Cell Technology	80%				
Max Constant Discharging Current(A)	BYD Blade Lithium-iron phosphate (LiFePo4)				
Design Life	>5000 times@80%DOD				
Warranty	5 years				
Warranty Document Supplied	Yes				
Compatible Hybrid Inverters	High voltage hybrid inverters				
Protection function					
Protection	Over-temperature, over charge, under-voltage, over-current, short circuit alarm Function				
Communication					
Communication	CAN/RS485				
General data					
Dimension (L*W*H)(MM)	1150*220*845MM	1150*220*1070MM	1150*220*1295MM	1150*220*1520MM	1150*220*1745MM
Weight(KG)	118KG	165KG	215KG	268KG	325KG
Shipping State Voltage(V)	3.20~3.30V/CELL				
Shipping Status SOC	20%~30%				
Charging Temperature	-20~+55°C				
Discharging Temperature	-30~+60°C				
Short Term Storage Ambient Temperature	-20~+35°C (<3 months,SOC: 20%~60%)				
Long Term Storage Ambient Temperature	-20 ~+30°C (<1 year,SOC: 30%~60%)				
Max. Operating Altitude	4,000M(Derating above 2,000M)				
Protection Degree	IP21, indoor installation				
Relative Humidity	5%%-95%				
Cooling	Natural convection				
Noise Emission	<29db				
Certification	TUV/CE/IEC/UN38.3/UL1973...				