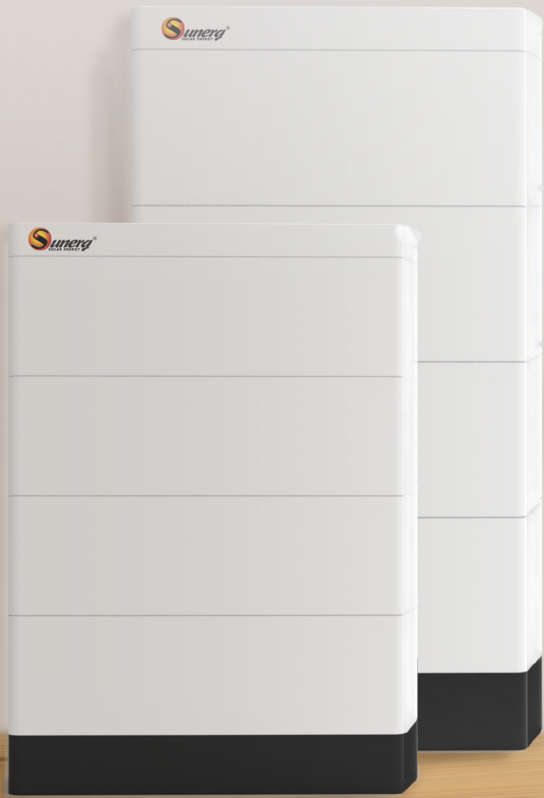




Stackable Home Energy Storage



Max. **5.12** Capacity

<10 Year Warranty

Smart Charge/discharge

6,000+ Life cycles

Up to **15** years Battery Life







With its modular design, the Multi-functional Energy Storage System offers endless possibilities.

Customize the system to meet your specific needs by easily adding or removing energy storage units.

Experience the freedom and control of managing your energy consumption with this state-of-the-art system.

- High capacity
- Scalable design
- Efficient Performance
- Safe and Reliable
- Real-time Monitoring
- Durability
- intelligent BMS
- Seamless Integration

Technical Specification		BLV-5.12-A			
Model	51.2 V 100Ah	51.2 V 200Ah	51.2 V 300Ah	51.2 V 400Ah	
Layers	1	2	3	4	
Picture					
Energy	5.12 KWh	10.24 KWh	15.36 KWh	20.48 KWh	
Dimension (L*W*H) mm	600*210*440	600*210*740	600*210*1040	600*210*1340	
Weight (Kg)	56	104	152	200	

Single Module Specification		BLV-5.12-A
Normal Voltage (Vdc)		51.2
Normal Capacity (Wh)		5120
Operating Voltage Range (Vdc)		43.2 V ~ 56.16 V
Charge Voltage (Vdc)		58.4
Nominal Charge/Discharge current (A)		50 A
Max. Charge / Discharge Current (A)		100 A
Peak Discharge Current		150 A 600ms
Parallel Connection		≤ 6 pcs
Cycle Life		6000 @ 80% DOD, 25°C / 0.5C

Structure	
Dimension (mm)	600*210*300
Weight (Kg)	48
IP Rating	IP65
Cell Technology	Lithium-iron phosphate (LiFePO4)

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	RS458, CAN
LED Display	SOC status indicator, LED indicator

Certification	
	CB, IEC62619; CE-EMC, CE-GPDS, UKCA; UN38.3, MSDS

Accessories	
	BLV-BASE+TOP Installation cover and base + accessories