

SBP Industrial & Commercial High Voltage Storage System

30kW+60kWh/50kW+100kWh/
100kW+215kWh



BMS protection



High power output



Industrial and commercial energy storage



Intelligent communication

Product function

- 1 This energy storage cabinet is 60-215kWh class system, using fan/air-conditioner/liquid cooled lithium iron phosphate battery pack.
- 2 Two-layer BMS battery management system, a comprehensive digital LCD display, you can easily view and manage on the spot.
- 3 Industrial and commercial enterprises, data centers, industrial parks, commercial buildings, large industries, mobile device energy storage, platform expansion, power quality management, etc.
- 4 This storage cabinet is equipped with a 30/50/100kW hybrid inverter, a multifunctional inverter that combines Inverter, solar charger, grid charger and lithium battery support.
- 5 The energy storage cabinet is designed in the form of outdoor cabinet, with IP54 protection grade and highly integrated design.
- 6 The cabinet is integrated with auxiliary components such as air-conditioner, liquid cooling system, lighting, power distribution, fire fighting, and environmental event disposal as optional.

Application scenario

- ※ Industrial and commercial enterprises, data centers, industrial parks
- ※ Commercial buildings, large industries, mobile device energy storage
- ※ Platform expansion, power quality management, etc

Product Parameters

Model	SBP-30000	SBP-50000	SBP-100000
AC Output Specification			
Rated AC Input/Output Active Power(W)	30000W	50000W	100000W
Peak Power(off grid)	1.5 time of rated power, 10 S		
AC Output Rated Current(A)	45.6A	75.8A	151.6A
Max. AC Current(A)	60A	83.3A	166.6A
Output Frequency and Voltage	50/60Hz:3 L/N/PE 220/380,230/400Vac		
Grid Type	Three Phase		
Total Harmonic Distortion(THD)	< 3% (of no minal power)		
PV Input Specification			
Max. PV Input Power(W)	39000W	65000W	100000W
Max. PV Input Voltage (V)	1000V		650V
MPPT Range(V)	150-850V		260-650V
Start-up Voltage(V)	260V		
Full Load MPPT Voltage Range(V)	360-850V	450-850V	500-650V
Rated PV Input Voltage (V)	600V		
PV Input Current(A)	36+36+36	36+36+36+36	50A+50A+50A+50A
Max.PV Isc(A)	55+55+55	55+55+55+55	60A+60A+60A+60A
No. of MPPT Trackers	3	4	4
No.of Strings per MPPT Tracker	2		1
Battery Specification			
Spec Of Each Module	LFP 102.4V 100AH 10.24kWh	LFP 51.2V 200AH 10.24kWh	LFP 51.2V 280Ah 14.3kWh
Module Number	6	10	15
Battery System Capacity	61.44kWh	102.4kWh	215kWh
Battery Voltage Range	537.6V-691.2V	432V-576V	600V-876V
Basic Parameter			
Product size (mm)	1170*1031*1635mm	1320*1131*1873mm	1635*1200*2266mm
Package size(mm)	1280*1140*1800mm	1430*1240*2040mm	1700*1250*2356mm
NW. (kg)	900kg	1280kg	2620kg
GW.(kg)	1130kg	1530kg	2635kg
Cooling Mode	Fan cooling, Air-conditioner cooling and Liquid cooling optional		
Class Of Protection	IP54		