

RESIDENTIAL HIGH VOLTAGE BATTERY SYSTEM

BS-PAC-H-(10-27)H-1



PRODUCT HIGHLIGHTS



INTELLIGENT

- Remote diagnosis and OTA, Multi-level BMS, equipped with advanced chip.



RELIABILITY

- Extended battery lifetime & performance.



FLEXIBILITY

- Modular design, the capacity can be expandable anytime.



SAFETY

- LFP battery cells, prioritizes product & personnel safety, multi-dimensional cell testing, higher precision detection.

TECHNICAL SPECIFICATIONS

BATTERY SYSTEM MODEL	BS-PAC-H-10H-1	BS-PAC-H-13H-1	BS-PAC-H-17H-1	BS-PAC-H-20H-1	BS-PAC-H-23H-1	BS-PAC-H-27H-1
Battery Type	LFP (LiFePO4)					
Total Capacity	55Ah					
Module	3.4kWh, 64V					
Number Of Modules	3	4	5	6	7	8
System Energy	10.5kWh	14.0kWh	17.6kWh	21.1kWh	24.6kWh	28.1kWh
Usable Energy	10.2 kWh	13.6 kWh	17.0 kWh	20.4 kWh	23.8 kWh	27.2 kWh
Max Output Current	30A					
Peak Output Current	50A(5S)					
Nominal Voltage	192 V	256 V	320 V	384 V	448V	512 V
Operating Voltage	162~219 V	216~292 V	270~365 V	324~438 V	378~511V	432~584 V
Dimensions (H/W/D)	800x650x260 mm	975x650x260 mm	1150x650x260 mm	1325x650x260 mm	1500x650x260 mm	1675x650x260 mm
Weight	138.5 kg	178 kg	217.5 kg	257 kg	296.5 kg	336 kg
Operating Temperature	-10°C to +55°C					
Communication	CAN/RS485					
Ingress protection	IP65					
Round-Trip Efficiency	≥95%					
Parallel connection	Up to 6 towers in parallel					
Certification	VDE2510-50 / IEC62619 / CE / UN38.3					
Warranty	10years					

*Specification indexes may be subject to changes without prior notice.