

RESIDENTIAL LOW VOLTAGE BATTERY SYSTEM

BS-PAC-L-(04-24)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-L-04H-1	BS-PAC-L-08H-1	BS-PAC-L-12H-1	BS-PAC-L-16H-1	BS-PAC-L-20H-1	BS-PAC-L-24H-1
Battery Type	LFP (LiFePO4)					
Total Capacity	80Ah					
Module	4kWh, 51.2V					
Number Of Modules	1	2	3	4	5	6
Usable Energy	4kWh	8kWh	12kWh	16kWh	20kWh	24kWh
Max Cont. Output Current	65 A	130 A	195 A	250 A	250 A	250 A
Peak Output Current	90A,5s	180A,5s	270A,5s	360A,5s	360A,5s	360A,5s
Nominal Voltage	51.2 V					
Operating Voltage	40-57.6 V					
Dimensions (H/W/D)	528x650x298 mm	761x650x298 mm	994x650x298 mm	1227x650x298 mm	1460x650x298 mm	1693x650x298 mm
Weight	64 kg	109 kg	154 kg	199 kg	244 kg	289 kg
Operating Temperature	-10°C to +50°C					
Communication	CAN /RS485					
Ingress protection	IP55					
Round-Trip Efficiency	≥95%					
Parallel connection	Max.64 Modules in Parallel (256kWh)				Single Tower Only	
Certification	IEC 62040/ IEC 62619 / UN38.3					
Warranty	10years					

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