JA ESS

JA Star

Residential BESS

BS-PAC-L-05H-B02
JAS-PAC-L-16H-B01



ADVANTAGES

Safety & Reliability

- Reliable Battery designed with longer cycle life by using LFP battery cells
- Physical isolation between the battery and electrical compartments prevents thermal transmission

Flexibility & Scalability

- Modular design, scalable up to 76.8 kWh / 241 kWh with 15 units in parallel
- Floor-stand, less installation time

User-Centric Design

- Compatible with multiple brands of inverters, providing more choices

TECHNICAL SPECIFICATIONS

Model	BS-PAC-L-05H-B02	JAS-PAC-L-16H-B01
Nominal Energy	5.12kWh	16kWh
Nominal Voltage	51.2Vdc	51.2Vdc
System Configuration	1P16S	1P16S
Voltage Range	43.2~58.4Vdc	43.2~58.4Vdc
Battery Capacity	100Ah	314Ah
Nominal Charge/Discharge Current	50A	100A
Max. Charge/Discharge Current	100A	150A
Working Temperature Range	0~+40°C (Charge), -10~+40°C (Discharge)	0~+40°C (Charge), -10~+40°C (Discharge)
Storage Temperature Range	-20~+45°C	-20~+45°C
Humidity	5~80% RH	5~80% RH
Altitude	2000m	2000m
Weight	47±3kg	125±3kg
Dimensions (W×D×H)	400×150×600mm	480×300×880±5mm (Including Wheels)
Cycle Life	6000 cycles 0.5C @25°C 95% DOD	6000 cycles 0.5C @25°C 95% DOD
Protection Level	IP20	IP65
Communication	CAN, RS485	CAN, RS485
Number of Parallel	Max. 15 pcs	Max. 15 pcs
Certification	UN38.3, IEC 61000	UN38.3, IEC 61000, IEC 62619

**Specification indexes may be subject to changes without prior no tice.*

05H Packing Quantity 20' GP: 320 PCS, 40' GP: 480 PCS; 16H Packing Quantity 20' GP: 88 PCS, 40' GP: 176 PCS.

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