

JA-5KLV RESIDENTIAL ENERGY STORAGE BATTERY SPECIFICATION

BlueStar-Pack-L-05H-1



PRODUCT HIGHLIGHTS



SAFE

- Reliable Battery designed with longer cycle life by using LFP battery cells
- All-round Safety Protection, from LFP cell level to battery pack



FLEXIBLE EXPANSION

- Modular design, scalable up to 76.8kWh with 15 units in parallel



SIMPLE AND FAST INSTALLATION

- Wall-mounted or stackable on the floor, less installation time



MONITORING REMOTELY

- Track battery and energy use via APP, anytime, anywhere

TECHNICAL SPECIFICATIONS

ITEM	NAME	DESCRIPTION
Basic Parameter	Rated Voltage	51.2V
	Voltage Range	44.8~57.6V
	Module	1P16S
	Rated Capacity	100Ah
	Rated Energy	5.12 kWh
	Cell Type	LFP 3.2V/100Ah
	Charge Mode	CC-CV
	Max. Charge Current	100A
	Max. Discharge Current	100A
	Charge Temperature Range	0-55°C
	Discharge Temperature Range	-10-55°C
	Communication Port	CAN2.0/RS485/RS232
Other Parameter	Battery Protection	Over Charge/Over Discharge /Over Temperature/Over Current/Short Circuit
	Size(W*H*T)	556*576*154.5mm
	Weight	50kg
	Installation	Wall Mounted/Floor Mounted
	IP Class	IP20
	Parallel Application	Up to 15 Packs (follow the parallel procedure)
	Certification	IEC61000/IEC62619/UN38.3
	Others	Bluetooth and WiFi

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