

SK-BG5120B

LiFeP04 battery pack (100AH 51.2V)



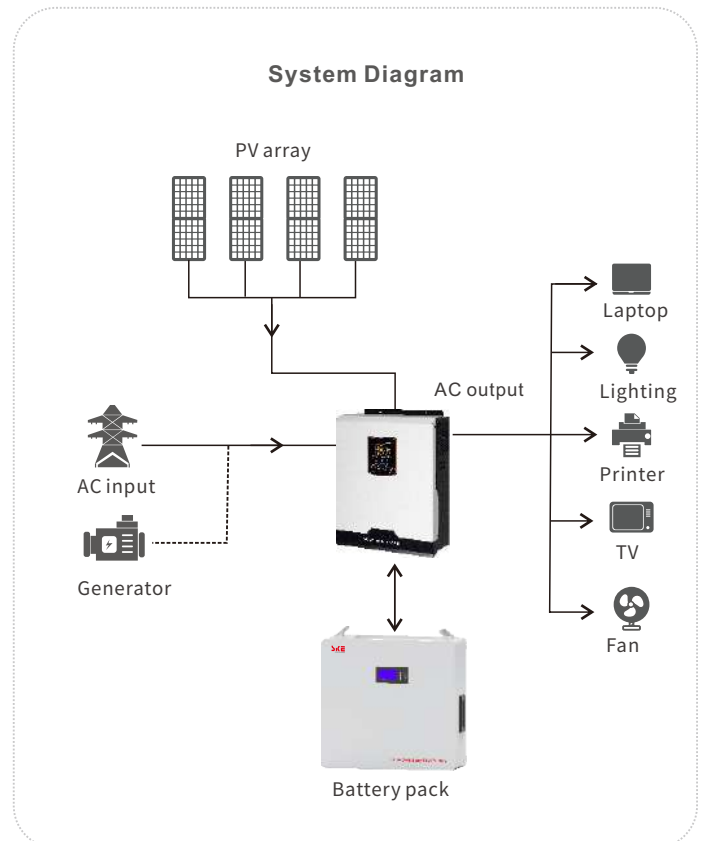
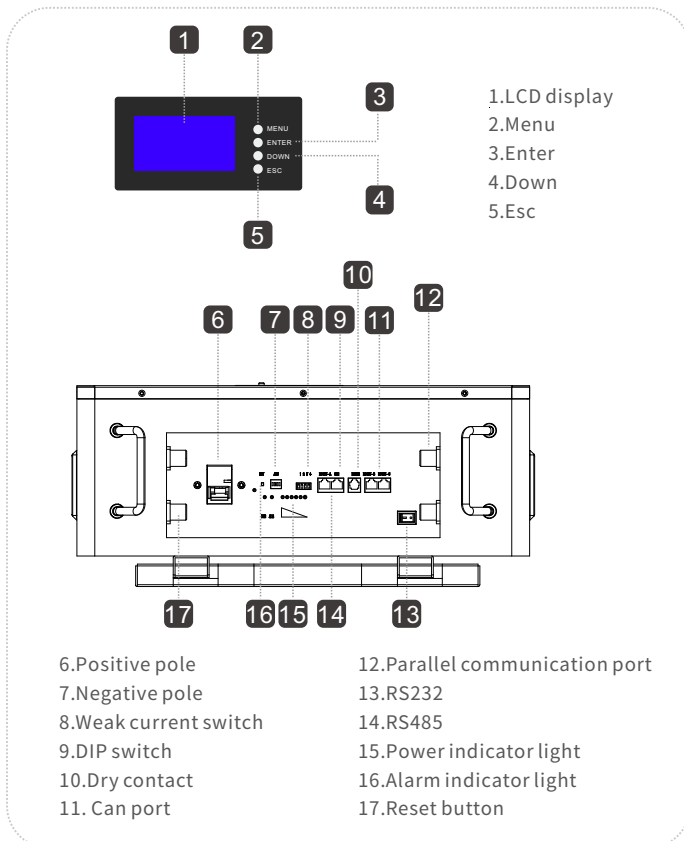
Features:

- The system adopts high-quality lithium iron phosphate power cells to bring better performance and reliability.
- Each battery module unit is equipped with an independent high-performance BMS system to scientifically manage the cells.
- Supports multiple batteries connected in parallel for expansion use
- Support RS485/CAN communication, compatible with global mainstream inverters.
- The battery energy storage module adopts a standard 19-inch design, easy to install.
- Long cycle life, can reach 3000 times
- Wider temperature range: -20C~60C
- Widely used in a variety of applications like house, shop and office room etc..

Product Introduction:

This product is an iron phosphate battery pack (including BMS) designed and manufactured by our company. It is composed of 16 strings of battery cells, and the matching of battery cells adopts intelligent sorting, which is accurate and reliable; BMS uses a professional protection board test system to conduct comprehensive testing before going online to ensure that BMS can fully and effectively protect the battery pack during use. This product has high energy density, Long life, safe and reliable, light weight, wide temperature range and other characteristics, so it can be your reliable green product.

Product overview:



Specification:

Model		SK-BG5120B
Rated battery voltage		51.2V
Electrical features	Rated power	5000W
	Nominal capacity	100Ah
	Combination	16S6P
	Cycle life	≥3000 cycles @80%DOD @35°C
	Monthly self-discharge	3%/month
	Charging efficiency	≥97%
	Discharge efficiency	≥98%
Charging standard	Recommended charging voltage	57.6V
	Recommended charging current	20A
	Maximum charging voltage	58.4V
	Maximum charging current	100A
Discharging standard	Recommended discharge current	50A
	Maximum discharge current	100A
	Discharge cut-off voltage	43.2V
Battery specification	Battery size(WD*H)(mm)	505*480*190mm
	Package size(W*D*H)(mm)	563*558*286mm
	Net weight(kg)	44.5kg±1kg
	Gross weight (kg)	50kg±1kg
	Degree of protection	IP30
	Shell material	Metal Box
	Optional features	Anti-theft, LCD
Environment	Other charging temperature range	0°C~45°C
	Discharge temperature range	-20°C~60°C
	Storage temperature	0°C~40°C
	Humidity	10% - 85%relative humidity

*Product specifications are subject to change without further notice