

SK-RM5120



LiFePO4 battery pack (51.2V 100AH)



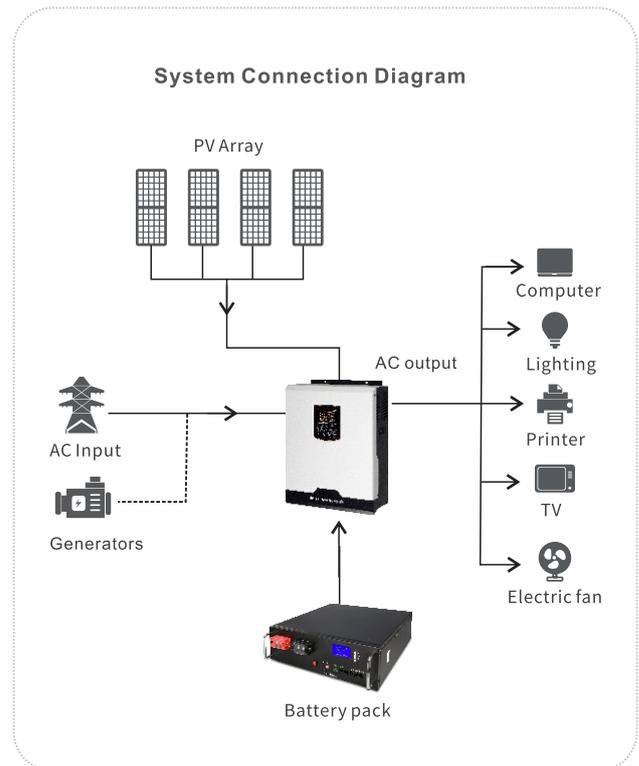
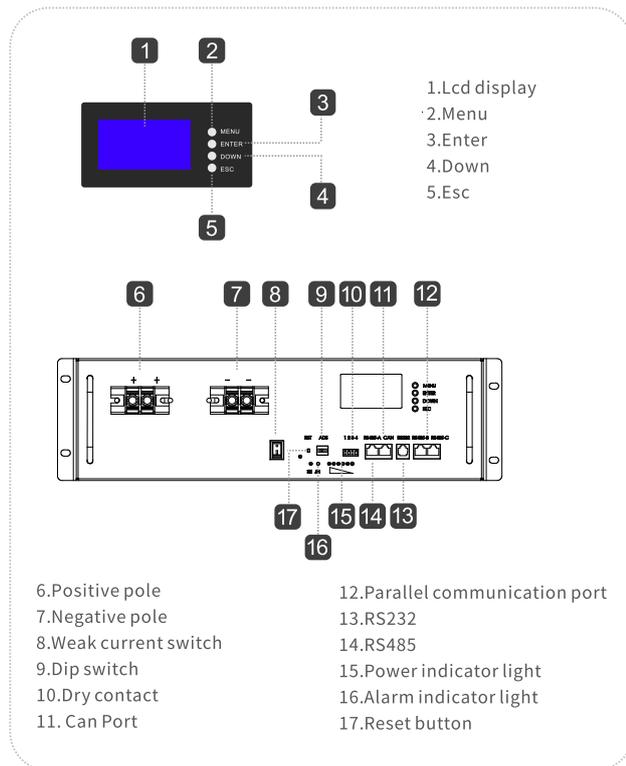
Features:

- 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 lithium iron phosphate battery pack (including BMS), designed and manufactured by our company, which is composed of 16 strings of battery cells of which matching adopts intelligent sorting, proves to be accurate and reliable; BMS with a professional protection board test system will be conducted a comprehensive testing before production to ensure that BMS can fully and effectively monitor the battery pack during use. This product a green and environmentally friendly product that you can trust with high energy density, long life, safety and reliability, light weight, wide operating temperature range, etc.

Product Overview:



Specification:

Model		SK-RM5120
	Rated battery voltage	51.2V
Electrical specification	Rated power	5000W
	Nominal capacity	100Ah
	Combination	16S1P
	Cycle life	≥3000 cycles @80%DOD @35°C
	Monthly self-discharge	3%/month
	Charging efficiency	≥97%
	Discharging 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
Physical	Dimensions(W*D*H)(mm)	442*440*133mm
	Package size(W*D*H)(mm)	557*519*219mm
	Net weight(kg)	45kg
	Gross weight (kg)	49kg
	IP protection	IP30
	Shell material	Metal
	Optional functions	Anti-theft, LCD
Environment	Charging temperature range	0°C~45°C
	Operating temperature range	-20°C~60°C
	Storage temperature	0°C~40°C
	Humidity	10% to 85% RH (NO condensing)

*Product specifications are subject to change without further notice