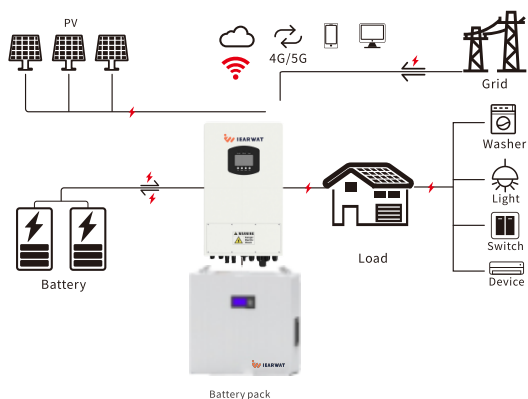


LFP Battery Module



System Connection Diagram



Features:

- High-quality lithium iron phosphate battery cells, with better product performance and reliability.
- Each battery module unit with an independent BMS system for scientific management of the cells.
- Supports multiple battery pack in parallel
- Support RS485/CAN communication, compatible with global mainstream inverters
- Wall-mounted design, easy to install
- Wider temperature range: $-20^{\circ}\text{C}\sim 60^{\circ}\text{C}$
- Widely for home, stores and office use



Model		SK-BG3000	SK-BG5120	SK-BG10240	SK-ST15000
Rated battery voltage		25.6V	51.2V		
Electrical specification	Rated power	3000W	5000W	10000W	
	Nominal capacity	120Ah	100Ah	200Ah	300Ah
	Combination	8S1P	16S1P	16S2P	16S1P
	Cycle life	≥8000 cycles @80%DOD @35°C			≥10000 cycles @80%DOD @35°C
	Monthly self-discharge	3%/month			
	Charge efficiency	≥97%			
	Discharging efficiency	≥98%			
Charging standard	Recommended charging voltage	28.8V	57.6V		
	Recommended charging current	20A		40A	
	Maximum charging voltage	29.2V	58.4V		
	Maximum charging current	120A	100A	200A	
Discharging standard	Recommended discharge current	50A		100A	
	Maximum discharge current	100A		200A	
	Discharge cut-off voltage	21.6V	43.2V		
Physical	Dimensions(W*D*H)(mm)	400*380*190mm	505*480*190mm	825*490*145mm	780*460*260mm
	Package size(W*D*H)(mm)	448*438*240mm	563*558*286mm	915*580*250mm	1100*540*410mm
	Net weight(kg)	35.5Kg	47Kg	80Kg±1Kg	115Kg±2Kg
	Gross weight (kg)	41.5Kg	51Kg	86Kg±1Kg	138Kg±2Kg
	IP protection	IP30			
	Shell material	Metal			
	Optional functions	FULL GUARD			
Environment	Charging temperature range	0°C~45°C			
	Operating temperature range	-20°C~60°C			
	Storage temperature	0°C~40°C			
	Humidity	10% to 95% RH(NO condensing)			



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