

HISUN-5100L/5200L/5300L

Wall-mounted lithium iron phosphate (LiFePO₄) battery pack



HISUN-5100L



HISUN-5300L



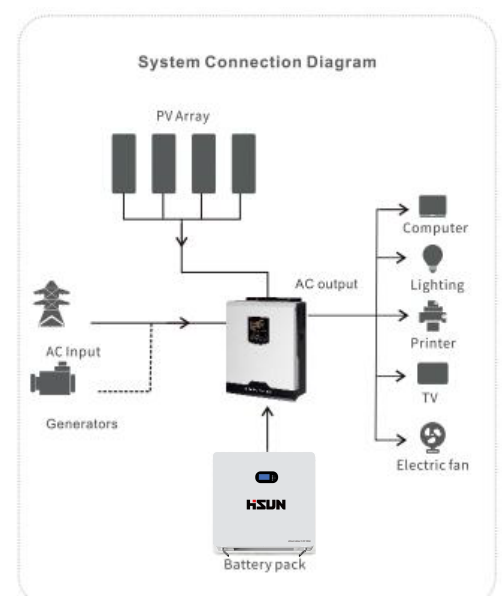
HISUN-5200L

Product introduction:

HISUN-series is lithium iron phosphate battery pack(including BMS). It is composed of 16 strings of battery cells, all battery cells adopt intelligent sorting. Its voltage and current are accurate and reliable; Professional BMS board to protect the battery pack. It has high energy density, long life, safe and reliable, wide temperature range characteristics.

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.
- Support multiple battery packs in parallel
- Support RS485/CAN communication, compatible with global mainstream inverters
- Support multiple install modes
- Life time reaches 6000 cycles
- Wider temperature range: -20°C-60°C
- Widely for home, stores and office use



Specification:

Model		HISUN-5100L	HISUN-5200L	HISUN-5300L
Rated battery voltage		51.2V		
Electrical specification	Rated power	5.12kWh	10.24kWh	15.36kWh
	Nominal capacity	100AH	200AH	300AH
	Combination	16S1P	16S2P	16S1P
	Cycle life	≥6000cycles@80%DOD@35°		
	Monthly self -discharge	3%/month		
	Charge efficiency	≥97%		
	Discharging efficiency	≥98%		
Charging standard	Recommended charging voltage	57.6V		
	Recommended charging current	20A	20A	20A
	Maximum charging voltage	58.4V		
	Maximum charging current	100A	200A	200A
Discharging standard	Recommended discharge current	50A		
	Maximum discharge current	100A		
	Discharge cut-off voltage	43.2V		
Physical	Dimensions(W*D*H)(mm)	505*480*190mm	825*490*145mm	780*460*260mm
	Packagesize(W*D*H)(mm)	563*558*286mm	1010*530*309mm	1100*540*410mm
	Net weight(kg)	47KG	84KG	120KG
	Gross weight(kg)	51KG	107KG	138KG
	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%to95% RH(NO condensing)		

*Product specifications are subject to change without further notice

HISUN-2100L/2200L

Wall-mounted lithium iron phosphate (LiFePO₄) battery pack



HISUN-2100L



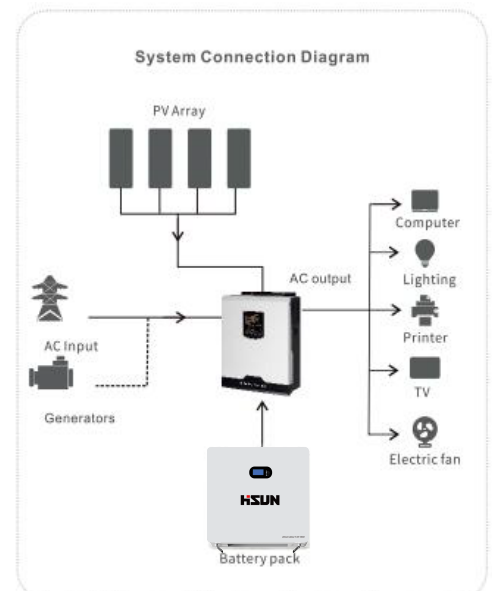
HISUN-2200L

Product introduction:

HISUN-series is lithium iron phosphate battery pack(including BMS). It is composed of 16 strings of battery cells, all battery cells adopt intelligent sorting. Its voltage and current are accurate and reliable; Professional BMS board to protect the battery pack. It has high energy density, long life, safe and reliable, wide temperature range characteristics.

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.
- Support multiple battery packs in parallel
- Support RS485/CAN communication,compatible with global mainstream inverters
- Wall-mounted design, easy to install
- Life time reaches 6000 cycles
- Wider temperature range: -20°C-60°C
- Widely for home, stores and office use



Specification:

Model		HISUN-2100L	HISUN-2200L
Rated battery voltage		25.6V	
Electrical specification	Rated power	2.56kWh	5.12kWh
	Nominal capacity	100AH	200AH
	Combination	8S1P	8S2P
	Cycle life	≥3000cycles@80%DOD@35°	
	Monthly self -discharge	3%/month	
	Charge efficiency	≥97%	
	Discharging efficiency	≥98%	
Charging standard	Recommended charging voltage	28.8V	
	Recommended charging current	20A	20A
	Maximum charging voltage	29.2V	
	Maximum charging current	120A	120A
Discharging standard	Recommended discharge current	50A	
	Maximum discharge current	120A	
	Discharge cut-off voltage	21.6V	
Physical	Dimensions(W*D*H)(mm)	400*380*145mm	500*460*145mm
	Package size(W*D*H)(mm)	448*438*240mm	558*538*240mm
	Net weight(kg)	32KG	46KG
	Gross weight(kg)	38KG	53KG
	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%to95% RH(NO condensing)	

*Product specifications are subject to change without further notice