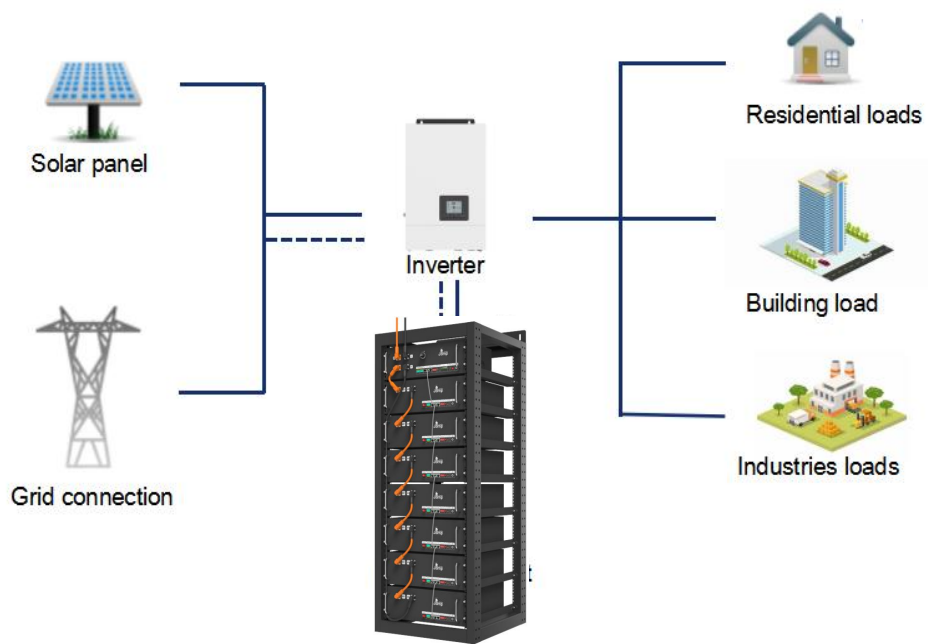


High-volt LFP Battery

System networking diagram application scenario:

- Micro Industrial and Commercial ESS
- Medium Industrial and Commercial ESS



Specification of High-volt LFP Battery

High-volt LFP Battery						
Model	HESS300 35KWh-70KWh		HESS800 75KWh-150KWh		HESS1500 150KWh-300KWh	
Basic Parameter						
Rated Voltage (V)	358.4V		768V		1485V	
Voltage Range (V)	330.4~397.6V		708~852V		1368.8~1647.2V	
Module Number	7	7	15	15	29	29
Rated Capacity (Ah)	100Ah	200Ah	100Ah	200Ah	100Ah	200Ah
Rated Energy (Wh)	35.8KWh	71.6KWh	76.8KWh	153.6KWh	148.5KWh	297KWh
Recommend Charge Current	≤ 50A	≤ 100A	≤ 50A	≤ 100A	≤ 50A	≤ 100A
Max Charge Current (A)	60A	120A	60A	120A	60A	120A
Recommend Discharge Current (A)	≤ 50A	≤ 100A	≤ 50A	≤ 100A	≤ 50A	≤ 100A
Max Discharge Current (A)	100A	200A	100A	200A	100A	200A
Physical Parameter						
Dimension : L*W*H (mm)	580*600*1450	580*600*1624	1140*600*1424	1140*600*1624	1720*600*1780	1140*600*2030
Weight (kg)	375kg	595Kg	765Kg	1215Kg	965kg	1450Kg
Communication Port	RS485、CAN					
Display	LED					
Environment Parameter						
IP	IP20					
Humidity (%)	5-95% RH					
Charge Temperature Range (°C)	0~60°C					
Discharge Temperature Range (°C)	-20~60°C					
Storage Temperature Range (°C)	-20~45°C SOC:20%~50%					
Installation Method	Floor-mount					
Service Life						
Cycle Life	≥6000 (0.5C@ 25°C, 80% DOD)					
Design Life (Year)	15 Years					
Energy efficiency	≥98%					
Certification						
Safety & Certification	CE (EMC: EN61000-6-1) CB (TUV: IEC62619) RoHS (2011/65/EU)					
Transportation	UN38.3,MSDS					