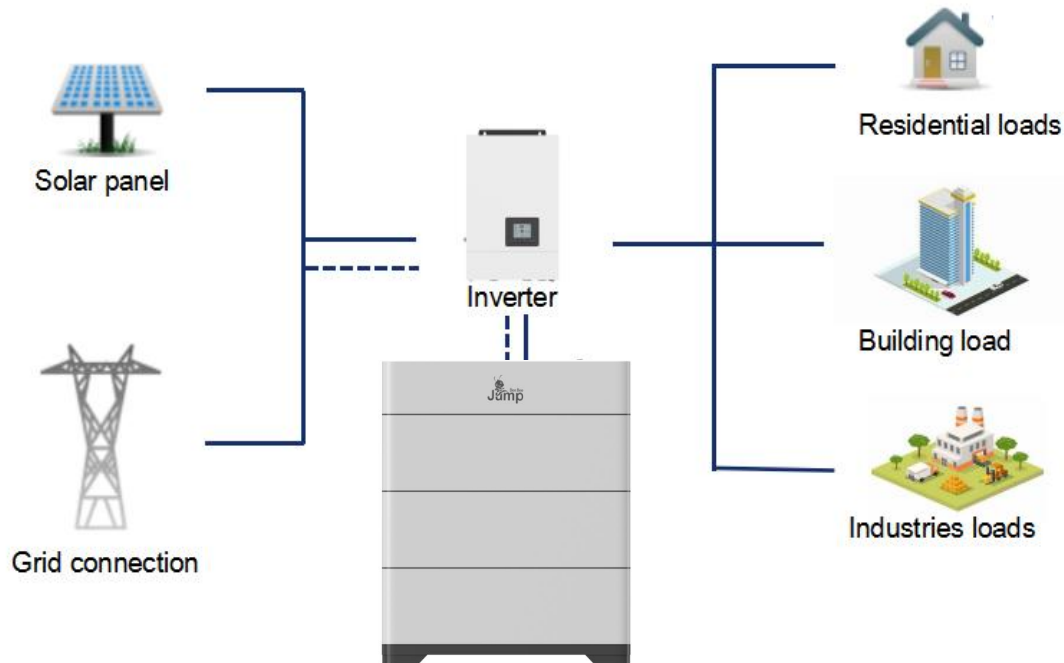


# High-volt Stacked LFP Battery

## System networking diagram application scenario:

- Residence
- Micro industry and commerce
- Medium industry and commerce



## Specification of High-volt Stacked LFP Battery 10.2KWh-35.8KWh

High-volt Stacked Battery 10.2KWh~35.8KWh						
Model	HS51100-2	HS51100-3	HS51100-4	HS51100-5	HS51100-6	HS51100-7
<b>Basic Parameter</b>						
Rated Voltage ( V )	102.4V	153.6 V	204.8 V	256 V	307.2 V	358 V
Voltage Range ( V )	94.4~113.6V	141.6~170.4 V	188.8~227.2 V	236~284 V	283.2~340.8 V	330.4~397.6 V
Module Number	2	3	4	5	6	7
Rated Capacity ( Ah )	100Ah	100Ah	100Ah	100Ah	100Ah	100Ah
Rated Energy ( Wh )	10240 Wh	15360 Wh	20480 Wh	25600 Wh	30720 Wh	35800 Wh
Recommend Charge Current ( A )	≤ 50A					
Max Charge Current ( A )	60A					
Recommend Discharge Current ( A )	≤ 50A					
Max Discharge Current	100A					
<b>Physical Parameter</b>						
Dimension : L*W*H	600*440*480	600*440*640	600*440*800	600*440*960	600*440*1120	600*440*1280
Weight ( kg )	105	150	195	240	285	330
Communication Port	RS485、CAN					
Display	LED					
<b>Environment Parameter</b>						
IP	IP55					
Humidity ( % )	5-95% RH					
Charge Temperature Range ( °C )	0~60					
Discharge Temperature Range ( °C )	-20~60					
Storage Temperature Range ( °C )	-20~45°C SOC:20%~50%					
Installation Method	Floor-mounted					
<b>Service Life</b>						
Cycle Life	> 6000 ( 0.5C@ 25°C , 80% DOD )					
Design Life (Year)	15 Yesrs					
Energy efficiency	≥98%					
<b>Certification</b>						
Safety & Certification	CE ( EMC: EN61000-6-1 ) CB ( TUV: IEC62619 ) RoHS ( 2011/65/EU )					
Transportation	UN38.3,MSDS					