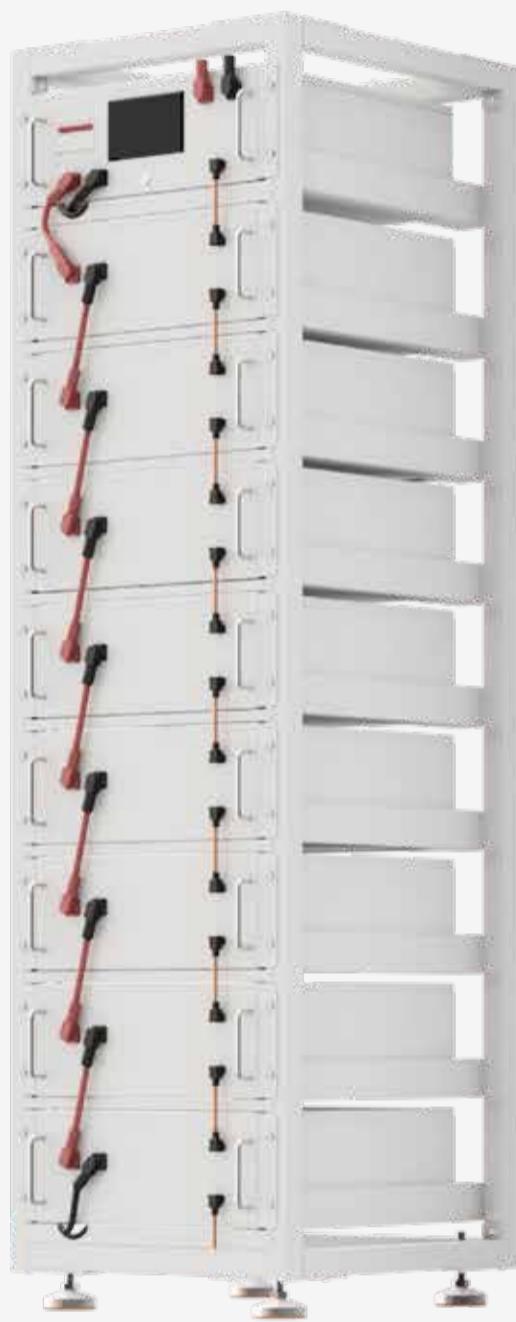
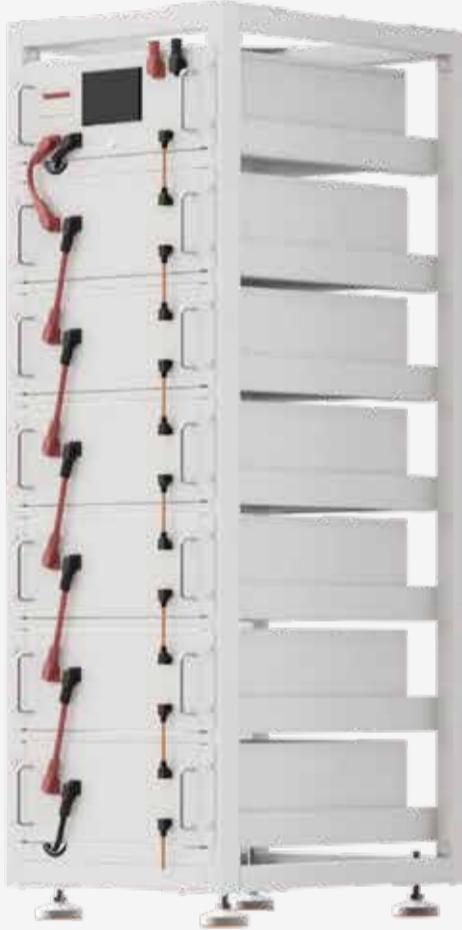


200V-512V High Voltage Cabinet ESS Batteries



PCENERSYS (SHENZHEN) CO.,LTD.



...

Features:



Higher Cycle, Longer Life

Grade A cells, high charging and discharging efficiency, more than 6000 cycles



LCD Display

Monitor the operating status data of ESS system in real time



BMS Intelligent Protection

Overcharge, overcurrent, overdischarge, overvoltage protection...



Convenient Installation

Quick installation with standard 19-inch module, easy for installation



Modular Design

Modular design, parallel expansion, flexible choice of voltage and capacity

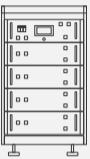
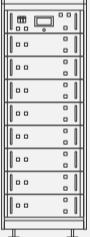
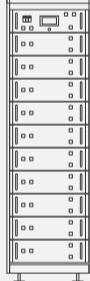


RS485/CAN Communication

It supports RS485 and CAN communication at the same time

200V-512V High Voltage Cabinet ESS Batteries

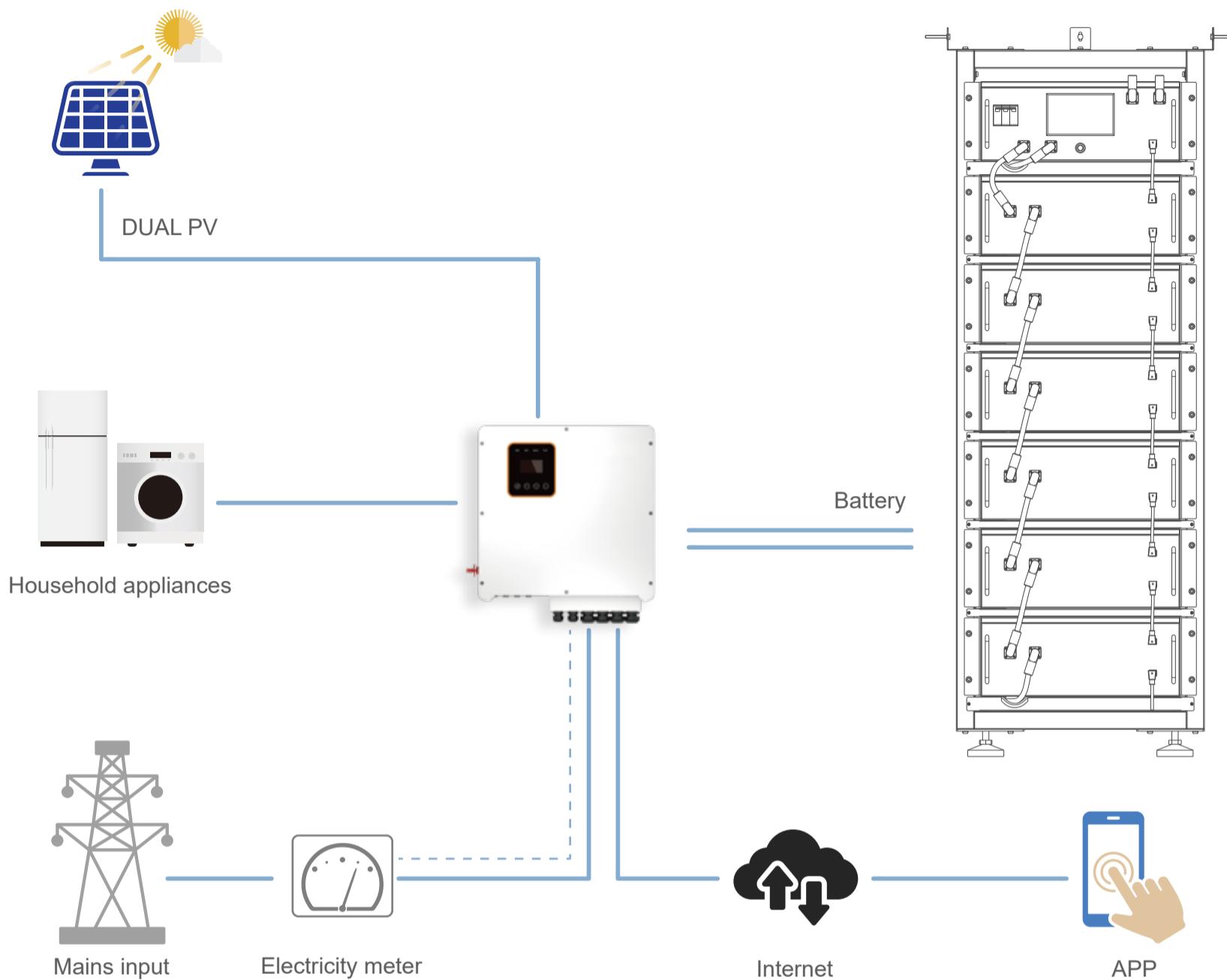
Parameters

Product Description		Product Parameters	
Product Model	HVM64S100BL-U	HVM96S100BL-U	
Module Presentation			
Number Of Modules	4	6	
Energy Capacity (Ah)	100	100	
Standard Voltage (V)	204.8	307.2	
Rated Energy (KWh)	20.48	30.72	
Product Dimensions (L×W×Hmm)	548×584×1500	548×584×1500	
Net Weight (Kg)	235	340	
Standard Charge Current (A)	20	20	
Maximum Discharge Current (A)	100	100	
IP Protection	21	21	
Product Model	HVM128S100BL-U	HVM160S100BL-U	
Module Presentation			
Number Of Modules	8	10	
Energy Capacity (Ah)	100	100	
Standard Voltage (V)	409.6	512	
Rated Energy (KWh)	40.96	51.2	
Product Dimensions (L×W×Hmm)	548×584×1950	548×584×2300	
Net Weight (Kg)	425	510	
Standard Charge Current (A)	20	20	
Maximum Discharge Current (A)	100	100	
IP Protection	21	21	

Battery Type	Nominal Voltage (V)	Operating Voltage Range (V)	Communication	Installation	Operating Temperature
LFP	51.2	42~58.4	CAN/RS485	Cabinet holding	Charging: 0~60°C; Discharge: -10~60°C

200V-512V High Voltage Cabinet ESS Batteries

Schematic Diagram



Application Scenario and Precautions

Application Scenario

High-voltage cabinet batteries can be stacked, and the main use areas are as follows:

- Standby power
- Machine shop
- Power control
- Home energy storage
- Remote Monitoring
- Solar Storage
- ...

Precautions

- Do not short circuit, crush or disassemble.
- Heating or incineration is prohibited
- In order to minimize self-discharge during storage for long time, please disconnect the battery connection of the high voltage control box from the DC connection harness.

