

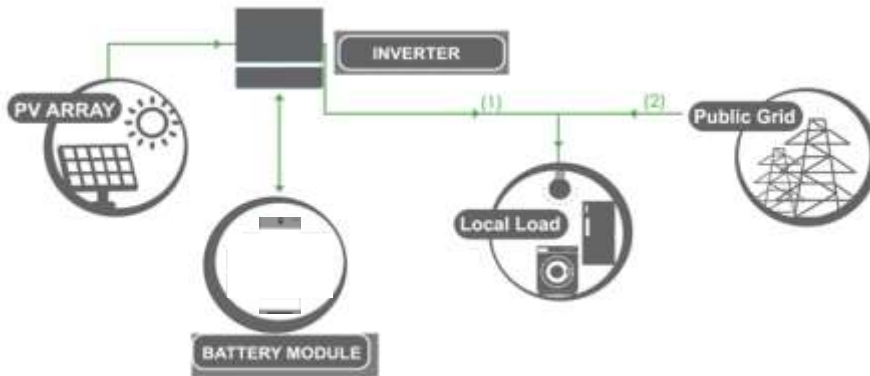


High Voltage Energy Storage Battery HV5120-S Series Specification

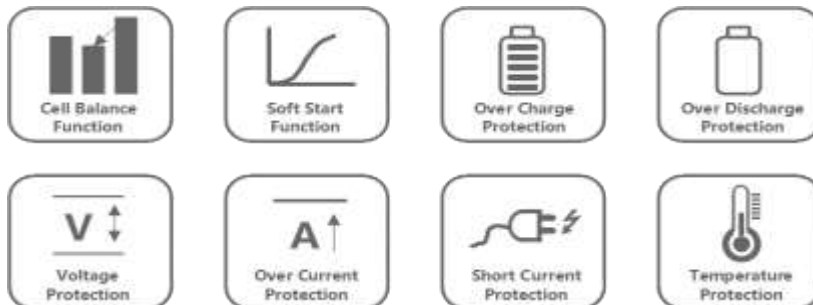


Application

Be specially designed for multiple energy storage application scenarios including household, data center, and commercial building, bank, hospital, school, railway station, airport and telecom, etc.



Feature



Advantages

- ① Long Design Life
- ② Modular Design;
- ③ Scalable & Flexible;
- ④ Multiple Protection;
- ⑤ TUV Certification;
- ⑥ Easy of Maintenance

Specification

No.	Items	Specification
1	Model	HV5120-S1
2	Battery Type	LFP 1P32S
3	Nominal Capacity	5.12kWh
4	Usable Capacity	4.86kWh (95% DOD)
5	Nominal Voltage	102.4V
6	Working Voltage	91.2~115.2V
7	Charging Voltage	112V
8	Max. Charge Current	40A
9	Max. Discharge Current	40A
10	Communication	RS485 , CAN
11	Storage Temperature	0°C ~ 45°C (Recommended)
12	Working Temperature	Charging : -10°C ~ 50°C Discharging : -20°C ~ 50°C
13	SOC at delivered	30%
14	Humidity	≤95% (RH) No Condensation
15	Weight	~50kg
16	Dimension	636*350*188 mm ³
17	Design Life	15 Years (25°C)
18	Cycle Life	> 6000 (25°C) ,60% EOL
19	Scalability	Module : Max. 8S , Rack: Max. 8P
20	Certification	CE , IEC62619, IEC61000-6-1/3, UN38.3



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