



Quality is our life

- Safest LiFePO₄ battery
- 90% DOD
- Cycle life > 6000 times
- IP55 protection level
- Floor or wall mounting
- Less self consumption
- Quick installation
- No toxic heavy metals or caustic materials



SE-BAT SYS-HV Configuration List

	SE-BAT H 5.8	SE-BAT H 11.5	SE-BAT H 17.3
Nominal Voltage [V]	115.2	230.4	345.6
Operating Voltage [V]	100-131	200-262	300-393
Battery Type	Li-ion (LFP)	Li-ion (LFP)	Li-ion (LFP)
Total Capacity [kWh]	5.8	11.5	17.3
Usable Capacity ^[1] [kWh]	5.1	10.4	15.5
Faradic Charge Efficiency [%]	99	99	99
Battery Roundtrip Efficiency [%]	95	95	95
Standard Power [kW]	2.8	5.7	8.6
Max Power [kW]	4.0	8.0	12.0
Recommend Charge/Discharge Current [A]	25	25	25
Max Charge/Discharge Current [A]	35	35	35
Short Circuit Current[A]	760	760	760
Cycle Life	>6000 Cycles	>6000 Cycles	>6000 Cycles
Warranty [Year]	10	10	10
Available Operating Temperature Range [°C]	0 to 55		
Full-load Operating Temperature Range [°C]	5 to 48		
Relative Humidity [%]	4 to 100 (condensing)		
Altitude [m]	Below 2000		
Protection	IP55		
System to Inverter	CAN2.0		
Battery to Battery/BMS	RS485		
Data Collection Port /FW UPDATE	CAN2.0		
Master Control Working Mode Indicator	1 LED		
Master Control Capacity Indicator	4LED (25%, 50%, 75%, 100%)		
Battery Module LED	2 LED		
Reset	Button		
Switch ON/OFF	Buttonx1 + breakerx1		
Safety	CE, RCM, IEC62619, UL1973, ROHS, REACH		
UN Number	UN3840		
Hazardous Materials Classification	Class 9		
Transport Testing Requirement	UN38.3		
Dimensions(LxWxH) [mm]	474x193x708	474x193x708+474x193x647	474x193x708+(474x193x647)x2
Weight [kg]	72.2	72.2+68.5	72.2+68.5x2

[1] Test conditions:90% DOD, 0.2C charger & discharger @+25°C

* The Power battery could be scalable up to 3 modules, for a total of 17.3kWh.

* Indoor installation only

* System Usable Energy may be variant with different inverter models

* Max Charge/Discharge Current may be variant with different inverter models