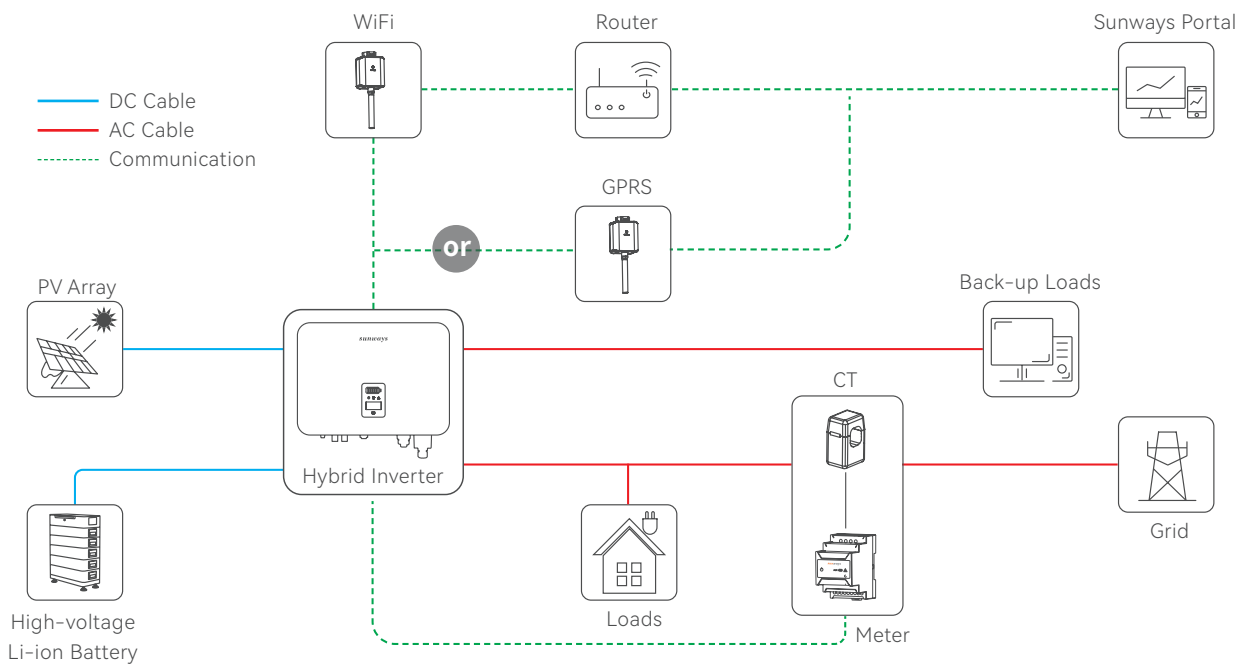


- LiFeP04 Safe Battery Chemistry
- $\geq 6,000$ Cycles at 90% DOD
- "Z" type cell craft, makes better thermostability
- Smart BMS for Safety Protection
- Charge Temperature: 0°C - 50°C
- Discharge Temperature: 0°C - 50°C

STE-ES 5~30kWh

Sunways Stackable Lithium Battery



Model	STE-ES5	STE-ES10	STE-ES15	STE-ES20	STE-ES25	STE-ES30
Battery Usable Energy (kWh)	5.12	10.24	15.36	20.48	25.60	30.72
Battery Capacity (Ah)	50	50	50	50	50	50
Nominal Voltage (V)	102.4	204.8	307.2	409.6	512	614.4
Maximum Charge/Discharge Current (A)	50	50	50	50	50	50
Recommend Continuous Charge/Discharge Current (A)	25	25	25	25	25	25
Weight (kg)	73	119	165	211	257	303
Dimension [W*H*D] (mm)	700*365*430	700*530*430	700*695*430	700*860*430	700*1025*430	700*1190*430
Protection Degree	IP54					
Cycle Life	6,000 cycles @90% DOD					
Operating Temperature Range(°C)	0~50					
Storage Temperature(°C)	0~35					
Relative Humidity	≤95%					
Altitude (m)	2000					
Internal Battery Module	STE-P5120					
Module Connection	Series / Hard Connection with Positioner					
Installation Method	Stackable					
Number of Modules	1	2	3	4	5	6
Communication Protocol/Connector Type	CAN/RJ45					

- Standard operating temperature for batteries is 25°C
- STH 3~8KTL-HS series suitable battery range from STE-ES5-ES20
- STH 4~12KTL-HT series suitable battery range from STE-ES10-ES30
- STH 15~33KTL-HT series suitable battery range from STE-ES10-ES30