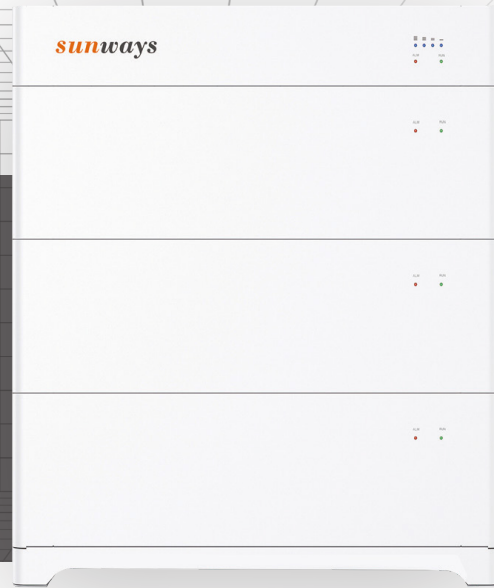


STE-FS 10~50kWh

Sunways Stackable Lithium Battery



Safer

Cobalt Free Lithium Iron Phosphate(LFP)Battery, safety and long lifespan, high efficiency and high-power density. Intelligent BMS, providing complete protection.



Reliable

Support high discharge power, module level Auto-balancing, under-voltage Automatic Restart.



Flexible

Modular design, easy to expand, Max capacity of 51.2 kWh. Suited to residential and commercial applications for increasing the selfconsumption ratio.



Convenient

Battery module auto networking, Automatic IP addressing, easy maintenance, remotely monitoring and upgrade, support USB drive upgrade the firmware.



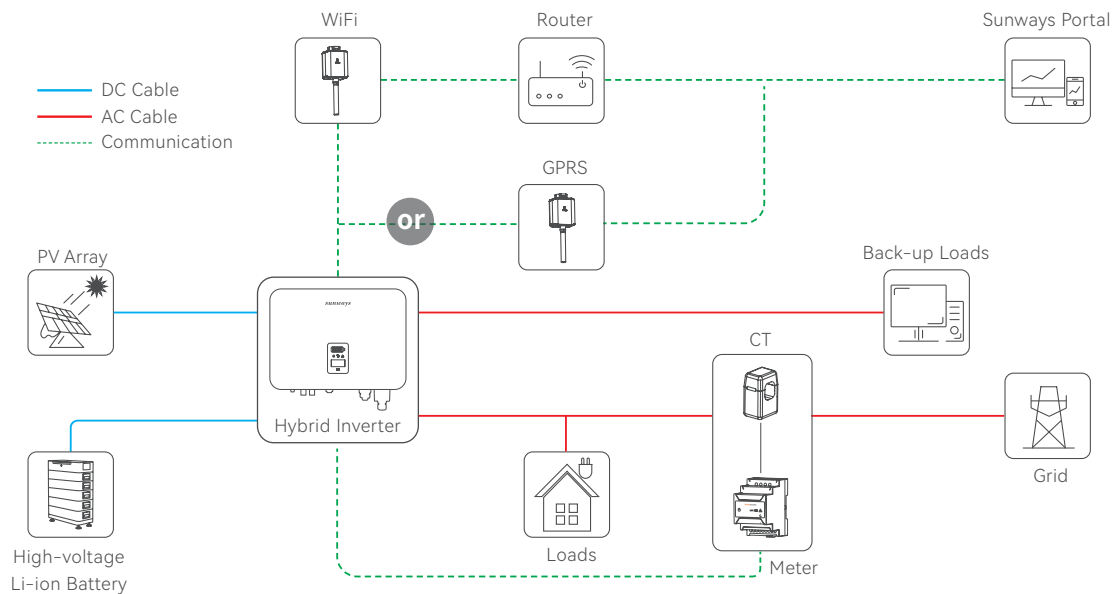
Eco-Friendly

Use environmental protection materials, the whole module non-toxic, pollution-free.



Floor-stand

Free stand design, floor-mounted, saving installation space.



Model	STE-FS10	STE-FS20	STE-FS30	STE-FS40	STE-FS50
Battery Usable Energy (kWh)	10.24	20.48	30.72	40.96	51.2
Battery Capacity (Ah)	100	100	100	100	100
Nominal Voltage (V)	102.4	204.8	307.2	409.6	512
Maximum Charge/Discharge Current (A)	70	70	70	70	70
Recommend Continuous Charge/Discharge Current (A)	50	50	50	50	50
Weight (kg)	105	194	283	372	461
Dimension [W*D*H](mm)	720*420*455	720*420*750	720*420*1045	720*420*1340	720*420*1635
Protection Degree	IP65				
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-P10240				
Module Connection	Series / Hard Connection with Positioner				
Installation Method	Stackable				
Number of Modules	1	2	3	4	5
Communication Protocol/Connector Type	CAN/RJ45				

· Standard operating temperature for batteries is 25°C
· STH 3~8KTL-HS series suitable battery range from STE-FS10-FS40
· STH 4~12KTL-HT series suitable battery range from STE-FS20-FS50
· STH 15~33KTL-HT series suitable battery range from STE-FS20-FS50