



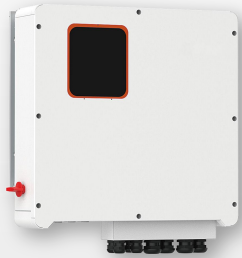
SUNNYGROW

ENERGY STORAGE

SOLUTIONS

Sunnygrow Stackable Lithium Battery

● 5.12KWH - 76.8KWH



FEATURES



LiFePO4 Safe Battery Chemistry



Plug in and Play



Stackable for More Energy



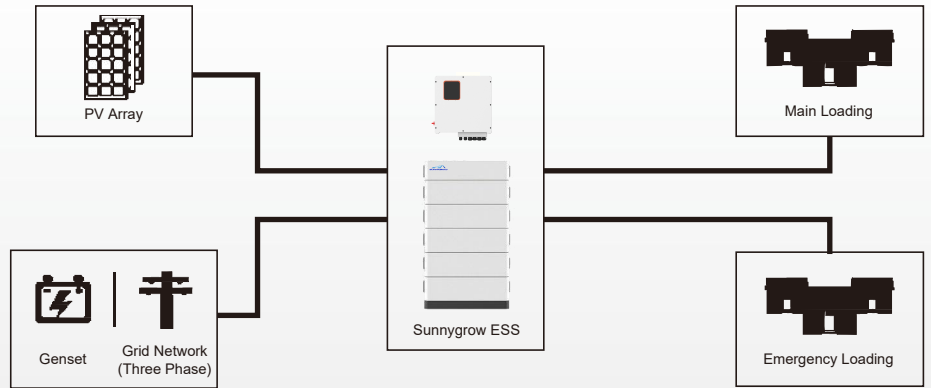
Smart BMS for Safety Protection



Max 750Vdc High Voltage



≥10,000 Cycles at 80% DOD



Model	SG-ES HV5.0	SG-ES HV7.5	SG-ES HV10.0	SG-ES HV12.5	SG-ES HV15.0	SG-ES HV17.5	SG-ES HV20.0
Nominal Energy (KWh)	5.12	7.68	10.24	12.8	15.36	17.92	20.48
Usable Energy (KWh)	4.61	6.91	9.22	11.52	13.82	16.13	18.43
Nominal Voltage (V)	102.4	153.6	204.8	256	307.2	358.4	409.6
Recommend Charge/Discharge Current (A)	30/30						
Max Charge/Discharge Current (A)	50/50						
Round-Trip Efficiency	≥97.5%						
Communication	CAN, RJ45						
Charge Temperature (°C)	0 – 50						
Discharge Temperature (°C)	-20 – 60						
Weight (Kg)	70	96.8	123.6	150.4	177.2	204	230.8
Dimension (W*H*D mm)	570*500*330	570*650*330	570*800*330	570*950*330	570*1100*330	570*1250*330	570*1400*330
Module Number	2	3	4	5	6	7	8
Enclosure Protection Rating	IP54						
Recommend DOD	80%						
Cycles Life	≥10,000						
Design Life	20+ Years (25°C@77°F)						
Humidity	5% - 95%						
Altitude(m)	<2,000						
Installation	Stackable						
Warranty	10 Years						
Safety Standard	UL1973/IEC62619/UN38.3						