



Sunnygrow Rack Mounted Battery

● 5KWH ● 10KWH

FEATURES



LiFePO4 Safe Battery Chemistry



Easy Installation and After Sales Service



Rack Mounted and Parallel Connection



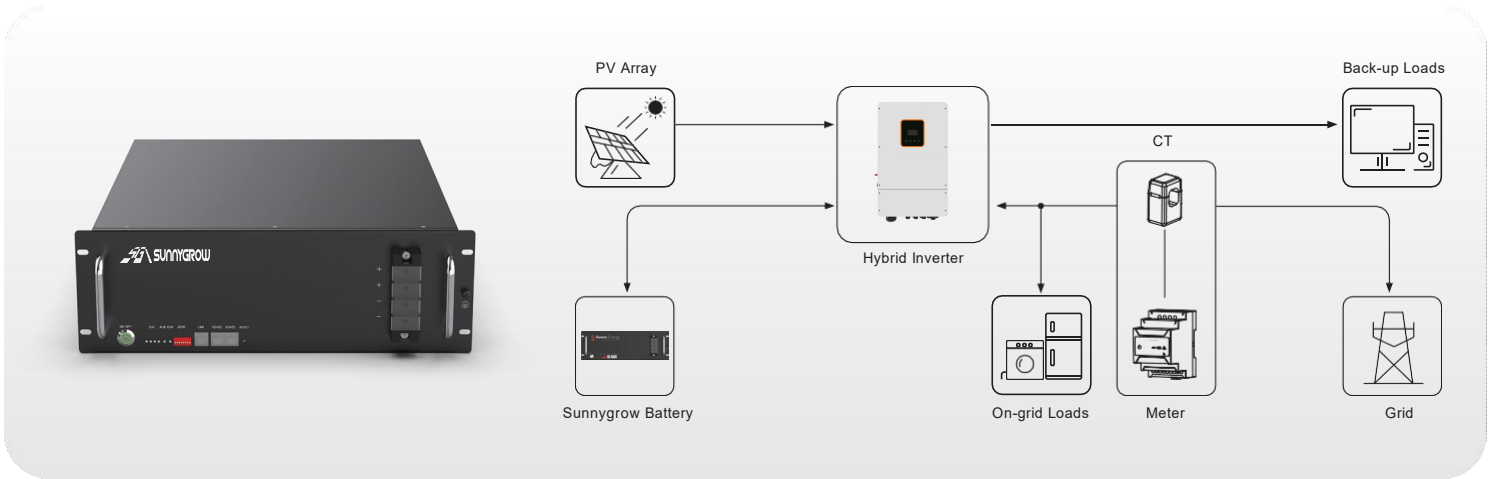
Intelligent Build in BMS



Compact Design and Safety Protection



>6,000 Cycles at 90% DOD



Model	SG-ES G5.0	SG-ES G10.0
Battery Type	48V 100 AH LiFePO4	48V 200 AH LiFePO4
Nominal Energy(KWh)	4.8	9.6
Usable Energy(KWh)	4.32	8.64
Peak Output Power (KW, 3 Seconds)	7.68	9.6
Round-Trip Efficiency	≥97.5%	
Nominal Voltage(V)	48V	
Operating Voltage(V)	42-54.5	
Max Charge/Discharge Current(A)	80/80	100/100
Communication	CAN, RS485	
Enclosure Protection Rating	IP21	
Operating Temperature (°C)	-20 - 60	
Cooling Type	Natural Cooling	
Installation	Rack Mounted, Free Stand, Indoor	
Cycles Life	>6,000	
Design Life	20+ Years (25°C@77°F)	
Recommend DOD	90%	
Dimension (W*H*D, mm)	442*133*550	442*232*540
Weight (Kg)	41	75
Humidity	5% - 95%	
Altitude (m)	<2,000	
Warranty	5 Years	
Safety Standard	UL1973/IEC62619/UN38.3	
Scalability	Max 8 Pcs in Parallel	Max 16 Pcs in Parallel