



# SUNNYGROW

# ENERGY STORAGE

# SOLUTIONS

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## Sunnygrow Wall Mounted Battery

- 5KWH
- 10KWH

### FEATURES



LiFePO4 Safe Battery Chemistry



Easy Installation and After Sales Service



Wall Mounted and Parallel Connection



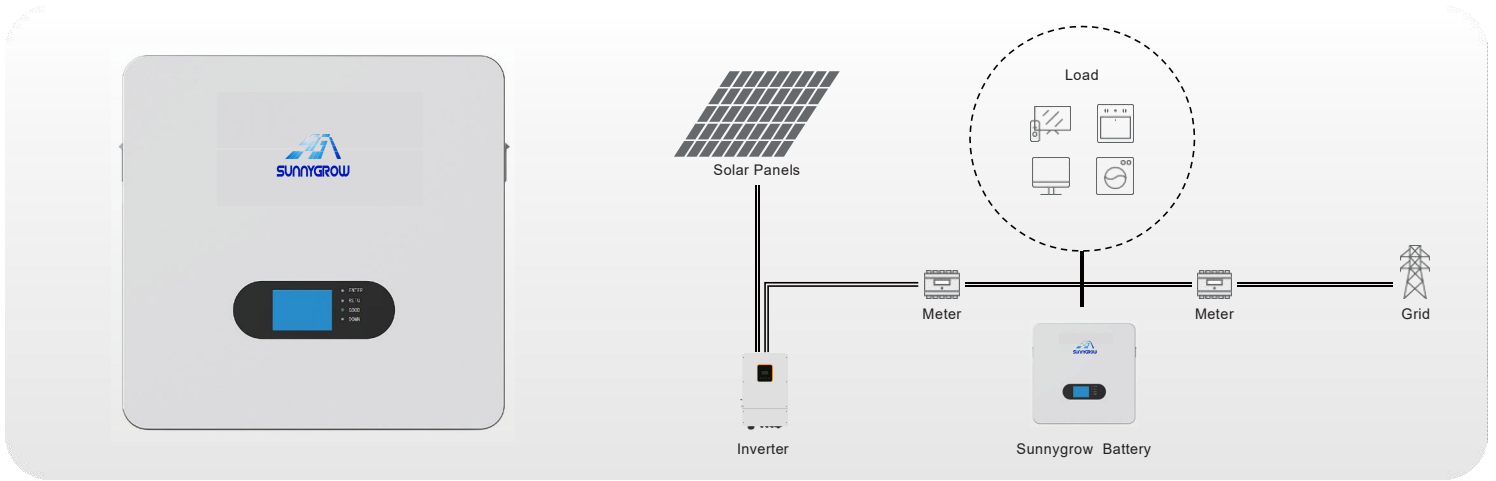
Intelligent Build in BMS



Compact Design and Safety Protection



>6,000 Cycles at 90% DOD



Model	SG-ES W5.0	SG-ES W10.0
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)	100/100	
Communication	CAN, RS485	
Enclosure Protection Rating	IP21	
Operating Temperature (°C)	-20 - 60	
Cooling Type	Natural Cooling	
Installation	Wall Mounted, Indoor	
Cycles Life	>6,000	
Design Life	20+ Years (25°C@77°F)	
Recommend DOD	90%	
Dimension (W*H*D, mm)	480*500*240	530*630*240
Weight (Kg)	47	80
Humidity	5% - 95%	
Altitude (m)	<2,000	
Warranty	5 Years	
Safety Standard	UL1973/IEC62619/UN38.3	
Scalability	Max 16 Pcs in Parallel	