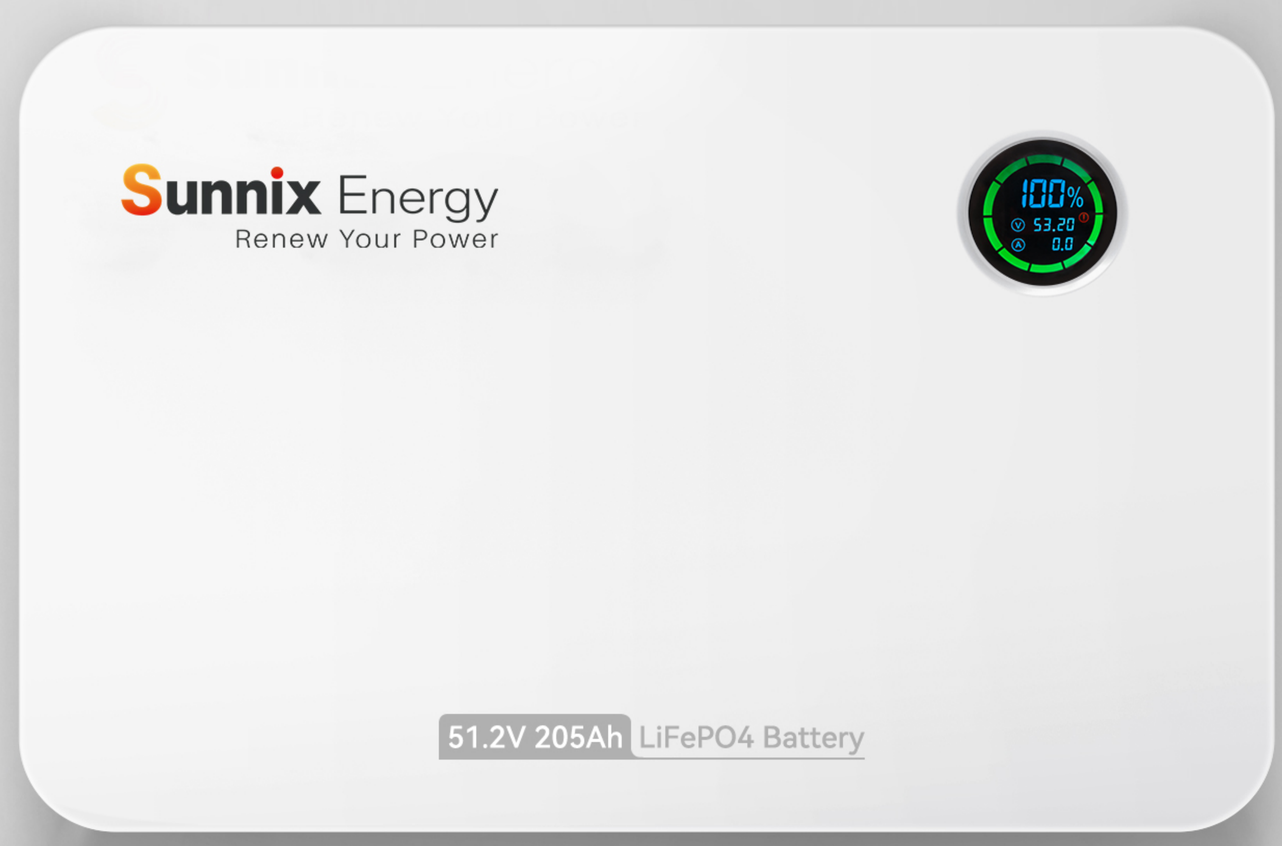
Sunnix Energy
Renew Your Power

SUNNIX ENERGY
ENERGY STORAGE SOLUTIONS

Wall Mounted Lithium Ion Batteries



WIFI & Bluetooth
Smart BMS

Easy Installation
Plug and Play

Wall Mounted
Up to 16 Units in Parallel

Safety LiFePO4
LFP Battery Chemistry

Stable & Reliable
Smart BMS

Widely Compatible
Compatible with
Mainstream Inverters

RENEW YOUR POWER

www.sunnixenengy.com

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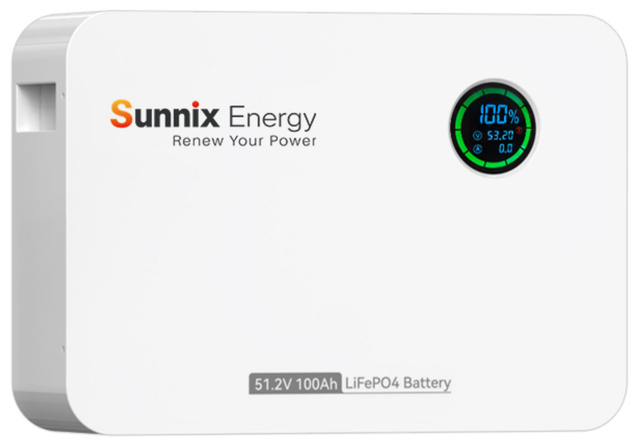

Model	SNE-ES SW5.0	SNE-ES SW10.0
Battery Type	51.2V 100Ah LiFePO4	51.2V 205Ah LiFePO4
Nominal Energy(kWh)	5.1	10.5
Usable Energy(kWh)	4.6	9.4
Peak Output Power (kW, 10Seconds)	7.7	10.2
Round-Trip Efficiency	≥97 .5%	
Nominal Voltage(V)	51.2V	
Operating Voltage(V)	44-58.4	
Max Charge/Discharge Current(A)	100/100	150/150
Communication	CAN, RS485	
Enclosure Protection Rating	IP21 / IP65	
Operating Temperature (℃)	-20 - 60	
Cooling Type	Natural Cooling	
Installation	Wall Mounted, Indoor	
Cycles Life	6,000 Cycles (90% DOD/25℃/0.5C)	
Design Life	20+ Years (25℃@77℉)	
Recommend DOD	90%	
Dimension (W*H*D, mm)	650*430*155	665*410*241
Weight (kg)	50	85
Humidity	5% - 85%	
Altitude (m)	<2,000	
Warranty	10 Years	
Safety Standard	UL1973/IEC62619/UN38.3	
Scalability	Max 16 Pcs in Parallel	

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