

SUNNIX ENERGY

ENERGY STORAGE SOLUTIONS

Rack Mounted Lithium Ion Batteries



Safety LiFePO4
LFP Battery Chemistry



Easy Installation
Plug and Play



Expandable
Max 16 Pcs in Parallel



Stable & Reliable
Smart BMS



Long Battery Life
6,000 Cycles Life
(90% DOD/25°C/0.5C)



Widely Compatible
Compatible with
Mainstream Inverters

RENEW YOUR POWER

www.sunnixenergy.com



Model	SNE-ES K5	SNE-ES K10	SNE-ES K16
Battery Type	51.2V 100Ah LiFePO4		
Nominal Energy(kWh)	5.1	10.5	16.4
Usable Energy(kWh)	4.6	9.5	14.7
Peak Output Power (kW, 10 Seconds)	7.7	10.2	15.4
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	200/200
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(90% DOD/25°C/0.5C)	6,000(90% DOD/25°C/0.5C)	8,000(90% DOD/25°C/0.5C)
Design Life	20+ Years (25°C@77°F)		
Recommend DOD	90%		
Dimension (W*H*D, mm)	380*550*140	442*575*265	442*720*265
Weight (kg)	40	74	110
Humidity	5% - 85%		
Altitude (m)	<2,000		
Warranty	5 Years		
Safety Standard	UL1973/IEC62619/UN38.3		
Scalability	Max 16 Pcs in Parallel		