

WALL-MOUNT LITHIUM BATTERY



PRODUCT FEATURES



LiFePO4
Safe Battery Chemistry



Wall Mounted and
Parallel Connection



Compact Design &
Safety Protection



Easy Installation
and After Sales Service



Intelligent
Build in BMS



>6000 cycles at
90% DOD

APPLICATION SCENARIO



High-end villa



Communication base station



Nomadic farm



Residential electricity

SUZHOU BAYZ ENERGY STORAGE TECHNOLOGY CO., LTD

Add: Building 4, No. 25 Datong Road, High-tech Zone, Suzhou

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TECHNICAL PARAMETERS

Model	KS-W5	KS-W10	NP-512W
Battery Type	48V 100 AH LiFePO4	48V 200 AH LiFePO4	51.2V 200 AH LiFePO4
Nominal Energy(KWh)	4.8	9.6	10.24
Usable Energy(KWh)	4.32	8.64	9.2
Peak Output Power (KW, 3 Seconds)	7.68	9.6	9.6
Round-Trip Efficiency	≥97.5%		
Nominal Voltage(V)	48V	48V	51.2V
Operating Voltage(V)	42-55		
Max Charge/Discharge Current(A)	80/80	100/100	100/100
Communication	CAN, RS485		
Enclosure Protection Rating	IP21		
Operating Temperature (°C)	-20-50		
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	550*650*240	550*650*240
Weight (Kg)	48	90	95
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	Max 16 Pcs in Parallel
Ktech Cloud Platform	No	No	Yes

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