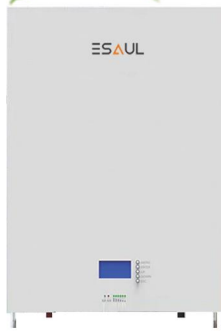


ENERGY STORAGE SYSTEM

Energy Saving | Safe And Durable



Features:

ESAUL home storage battery with 10 year lifetime and 6000+ cycles. The battery adopts smart BMS, which is fully protected against overcharge, over-discharge, over-current, and overheating, and can support series or parallel connection. Passed 28 process tests before shipment to ensure that what you get is a safe battery that will not explode or fire. The battery charges quickly, the self-discharge rate is lower than 3%/month, and the operating temperature range is wider: --- -20~65°C.

SPECIFICATIONS

Energy	5120Wh	7680Wh	10240Wh
Nominal Voltage	51.2V(16series) Nominal		
Capacity	100Ah	150Ah	200Ah
Internal Resistance	≤ 30mΩ		
Cycle Life	≥ 5000 cycles@80% DOD,25°C , 0 . 5C		
	≥4000 cycles@80% DOD,40°C , 0 . 5C		
Design Life	≥ 10 years		
Charge Cut-off Voltage	58.4V± 0. 5V		
Max. Continuous	100A/150A(Can choose)		
Work Current			
Discharge Cut-off Voltage	40V± 0.2V		
Charge Temperat ure	0°C ~60°C (Under 0°C extra heating mechanism)		
Discharge Temperat ure	-20°C ~60°C (Under 0°Cwork with reduced capacity)		
Storage Temperature	-40°C ~ 55°C @ 60%±25% relative h umidity		
Dimensions	680 x485 x180(220)mm		
Weight	Approx :62kg	Approx :79kg	Approx :98kg
Battery cell	LFP 3.2V 100Ah Prismatic aluminium shell cells		
Protocol (optional)	RS232 - PC, RS485(B) - PC		
	RS485(A) -Inverter, Canb us -Inverter		
Certification	UN38. 3, MSDS, UL1973(Cell),IEC62619(Cell)		
Application	Electric Power Systems, Solar Energy Storage Systems, Uninterruptible Power Supplies, etc.		

