

HOME SOLAR POWER SYSTEM LITHIUM BATTERY

OEM & ODM SUPPORT

INTELLIGENT CONTROL CHIP

THE EXTERNAL ARMREST DESIGN GREATLY IMPROVES THE PORTABLE INSTALLATION EFFICIENCY OF THE BATTERY, PLUS THE POSITIVE AND NEGATIVE DUAL INTERFACES, AND THE INTERNAL SUPER INTELLIGENT AI CONTROL CHIP TO PREVENT VOLTAGE OVERLOAD

MULTIPLE INTERFACE SUPPORT

LED POWER DISPLAY, SUPPORT MULTIPLE BATTERIES IN PARALLEL, MULTIPLE INTERFACE EXPANSION, SUPPORT LBAM, LBBM, SUPER BATTERY LIFE, CAN ENSURE NORMAL WORK IN LOW TEMPERATURE ENVIRONMENT

X-SERIES BRACKET HOLDER

SAVING SPACE, DETACHABLE DESIGN, WHICH IS CONVENIENT FOR SHIPMENT AND SAVING SHIPPING COST THE NUMBER OF BATTERY MODULES THAT CAN BE STACKED FREELY, UP TO 8 MODULES (51.2V 100AH)

SOLARASIA



LCD SCREEN IS OPTIONAL



Superior LiFePO4 safety performance



6000 cycles at 80% DOD



1C/1C continual charge and discharge



5 years warranty



Low voltage safety connection



Battery Auto-sleep and wake-up upon inverter command

Compatible with inverter brands

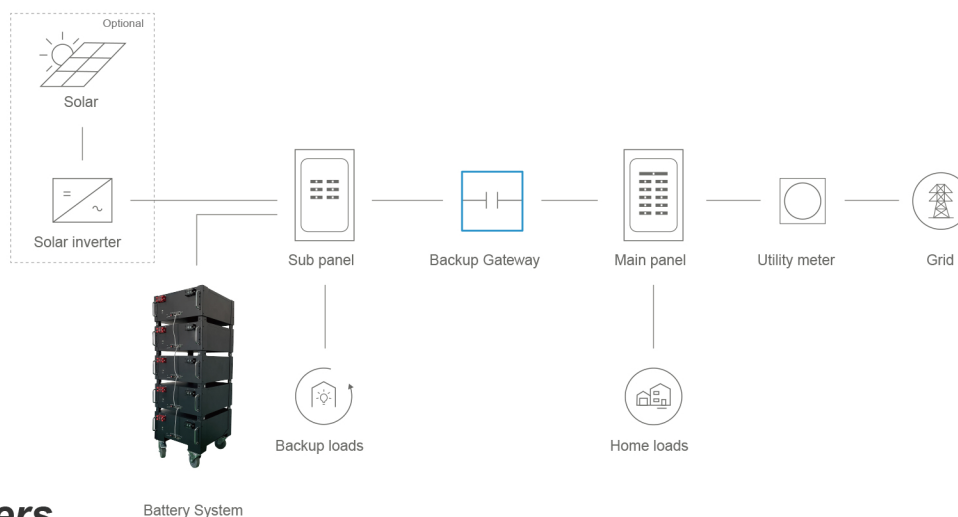
Genixgreen battery BMS supports simultaneous communication and is compatible with multiple inverter brands



ONE Battery For Multiple Brand Inverters

51.2V 5KWH 10KWH LiFePO4 Wall-Mounted Home Energy Storage Battery

PARTIAL HOME BACKUP



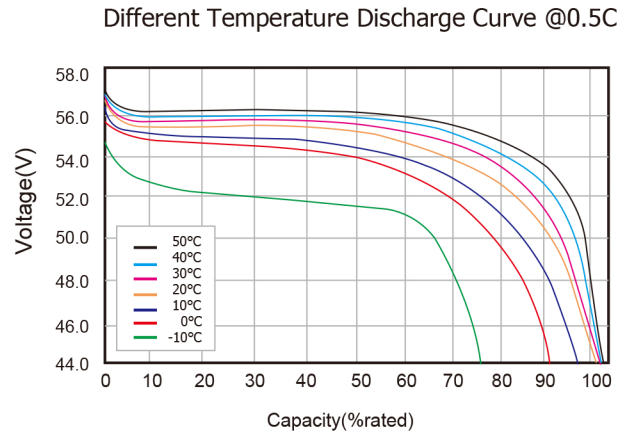
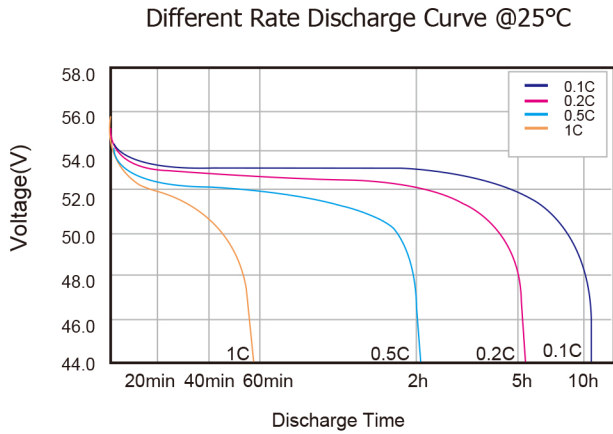
Parameters

Nominal Energy	5KWH	10KWH
Nominal Voltage	51.2V	51.2V
Nominal Capacity	100Ah	200Ah
Cell Type	LFP	LFP
Standard Charge Voltage	58.4V	58.4V
Max Charge Current	100A	150A
Discharge Cut-Off Voltage	40V	40V
Max Discharge Current	100A	150A
Parallel Function	Support 16 Units In Parallel	
Communication Interface	Inverter: RS485、CAN ; BMS Monitoring: RS232; Prallels Com. : RS485*2	
Calendar Life	15+ Years @25°C 80%DOD	
Cycle Life *	≥6000 Cycles (80%DOD)	
Charge temperature range	0~65°C	
Discharge temperature range	-20~65°C	
Certification	Cell:UL1642 / IEC62619 / CE / ROHS / MSDS /UN38.3 Pack: MSDS / UN38.3	
Dimensions	440*440*132mm	474*513*235mm
Weight	41.5Kg	80Kg
Installation method	Rack-mounted / Floor Standing with Bracket	

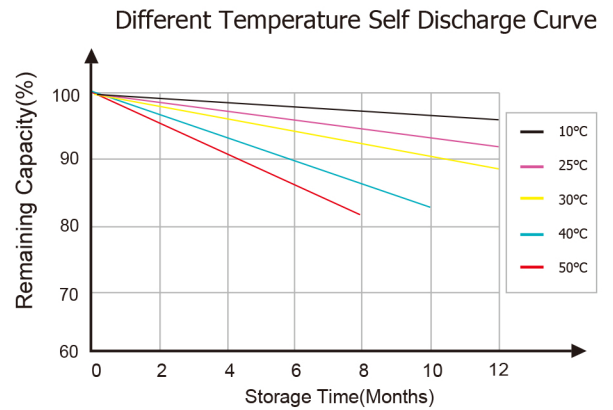
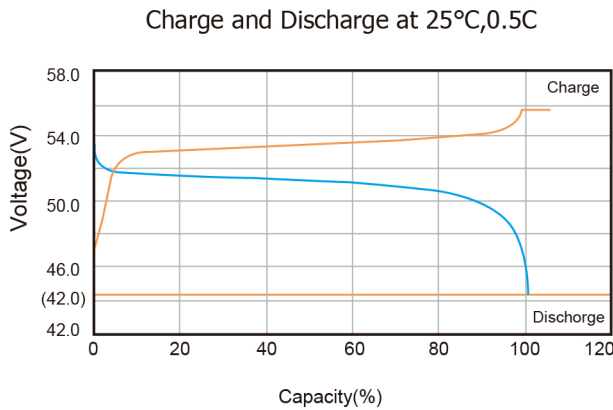
*Test Condition: 80% DOD, 0.2C charge & discharge @25°C

51.2V 5KWH 10KWH LiFePO4 Wall-Mounted Home Energy Storage Battery

● Different current/Temperature Discharge curves



● Charging and Discharge curve



● Cycle Life Curve

