



6000 cycles at 80% DOD



1C/1C continual charge and discharge



Low voltage safety connection



5 years standard warranty



Superior LiFePO4 safety performance



Max. 10 modules parallel

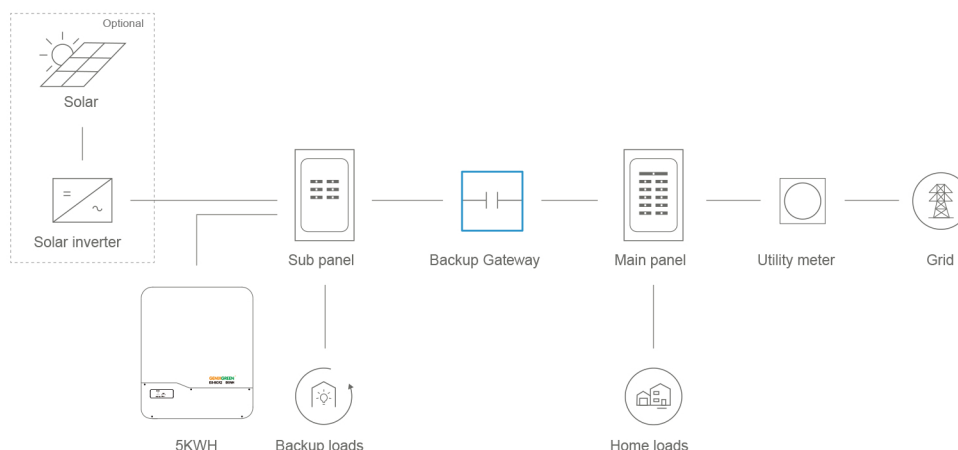
Compatible with inverter brands

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

Super Points: ONE Battery For Multiple Brand Inverters

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

PARTIAL HOME BACKUP

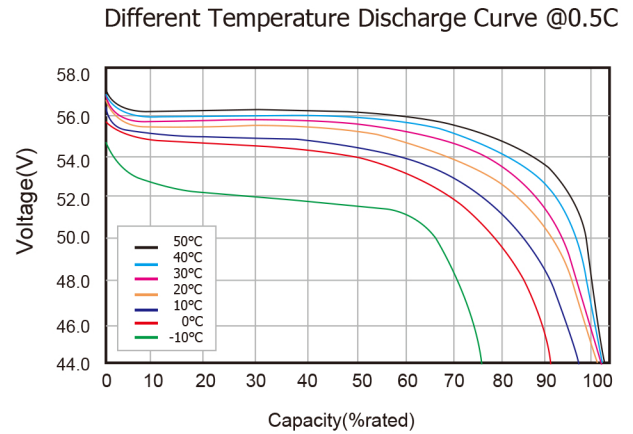
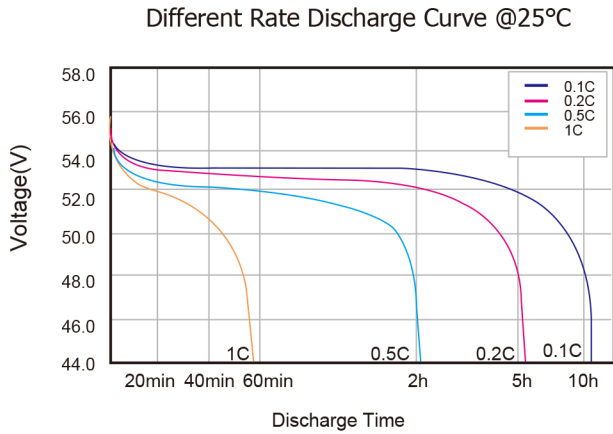


Parameters

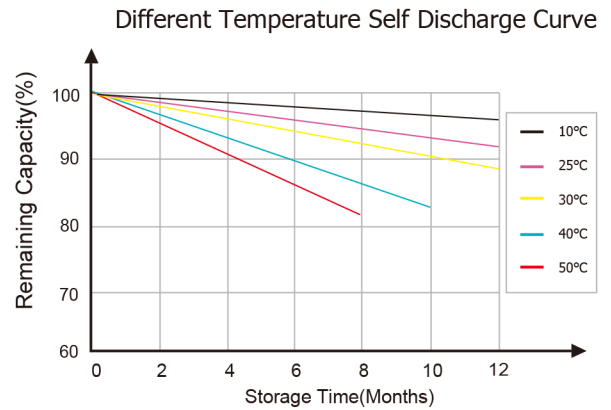
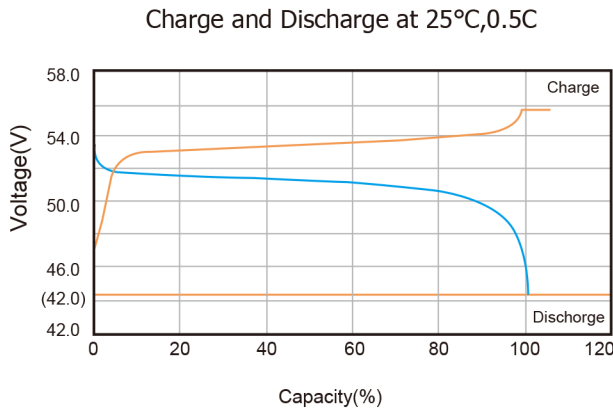
Product Model	ES-BOX2
Nominal Energy	5KWH
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Cell Type	LFP
Standard Charge Voltage	58.4V
Max Charge Current	100A
Discharge Cut-Off Voltage	40V
Max Discharge Current	100A
Parallel Function	Support 10 Units In Parallel
Communication Interface	RS485、RS232、CAN (Optional)
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:CE / MSDS / UN38.3
Dimensions	600*510*173mm
Weight	58Kg
Installation method	(Wall mounted)

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

● Different current/Temperature Discharge curves



● Charging and Discharge curve



● Cycle Life Curve

