

DOD
80%

6000 Cycles
at 80% DOD

1C/1C

1C/1C continual
charge and discharge

5

5 years
standard warranty

Superior LiFePO4
safety performance

Low voltage
safety connection

Low voltage
safety connection

MAX
15

Max. 15 modules parallel



5.12KWH

51.2V 5.12KWH LiFePO4

Wall-Mounted Home Energy Storage Battery

Compatible with inverter brands

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

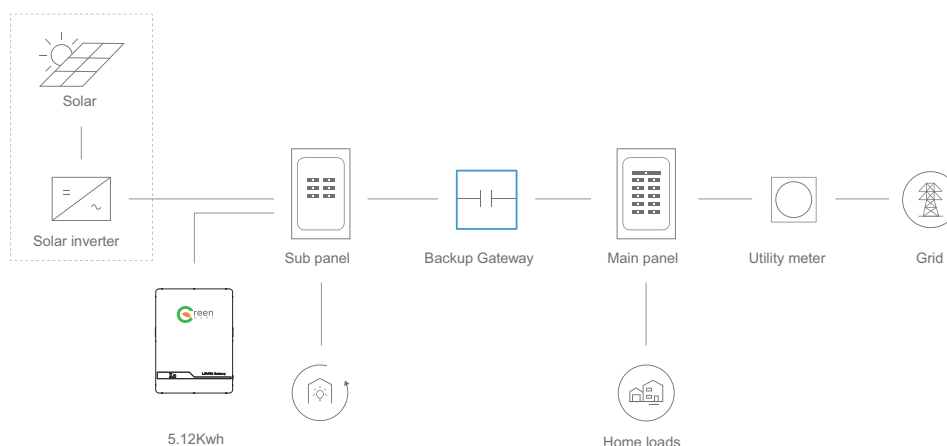


Super Points: ONE B attery For Multiple Brand Inverters

51.2V 5.12KWH LiFePO4 Wall-Mounted Home Energy Storage Battery



PARTIAL HOME BACKUP

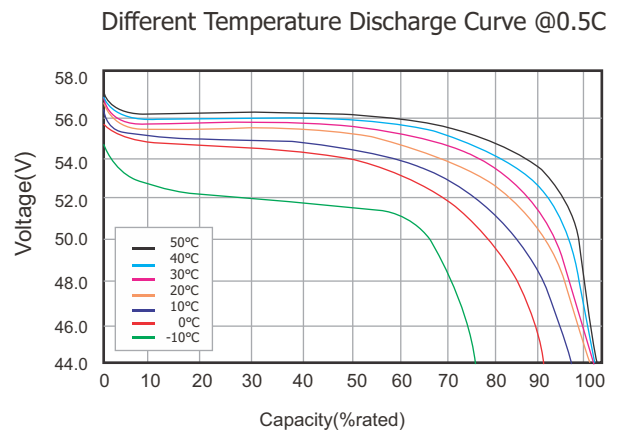
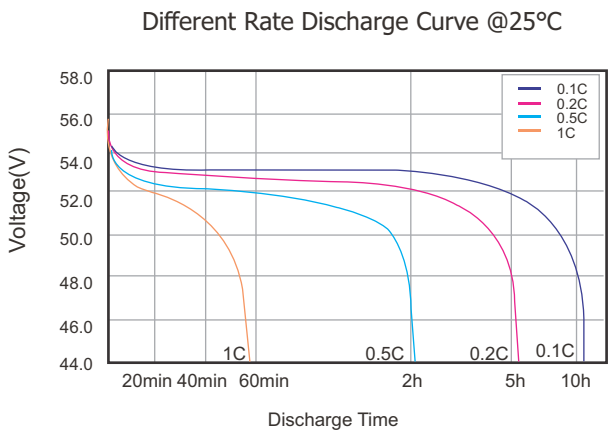


Parameters

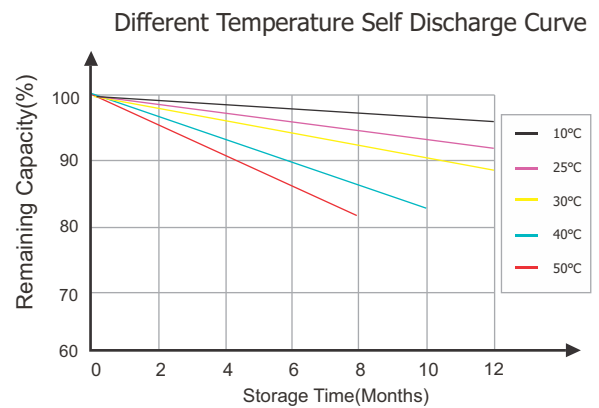
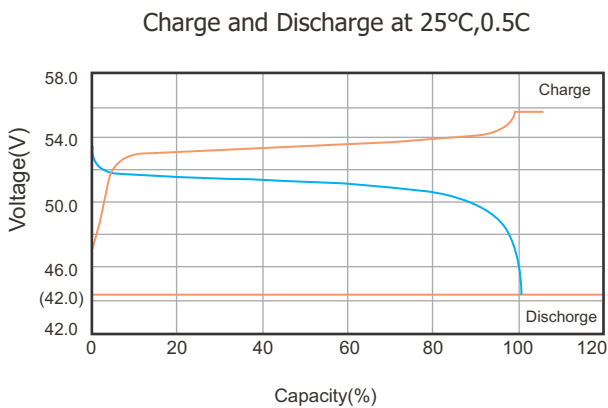
Product Model	Green Deer 5.12KWH
Nominal Energy	5.12KWH
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Cell Type	LFP
Standard Charge Voltage	58.4V
Max Charge Current	100A
Discharge Cut-Off Voltage	40V
Max Discharge Current	100A
Parallel Function	Support 15 Units In Parallel
Communication Interface	RS485、RS232、CAN (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	480*650*150mm
Weight	55Kg
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

