



3 years standard warranty



Superior LiFePO4 safety performance



4000 Cycles at 80% DOD



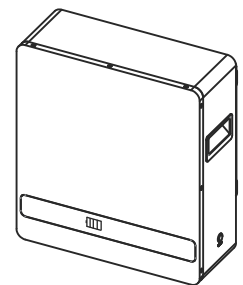
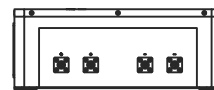
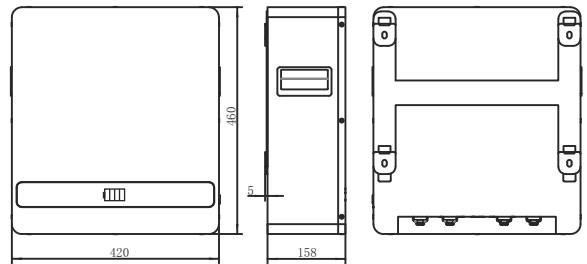
Low voltage safety connection



Max. 8 modules parallel



1C/1C continual charge and discharge



Compatible with inverter brands

Green Deer's battery BMS is freely compatible with multiple inverter brands in the market.

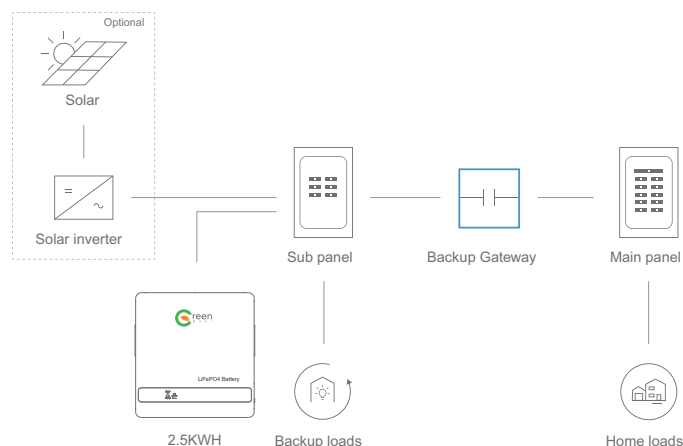


Super Points: Freely Connect any inverter brands.

25.6V 2.5KWH LiFePO4 Wall-Mounted Home Energy Storage Battery



PARTIAL HOME BACKUP



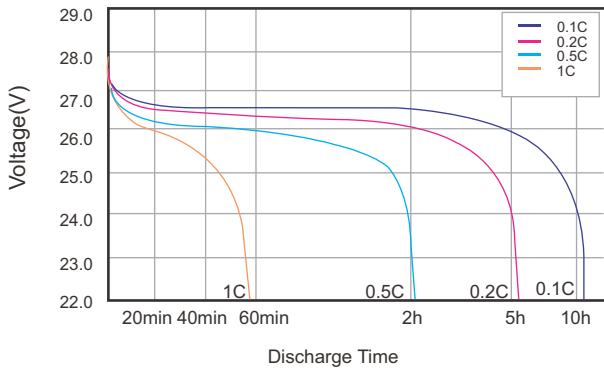
Parameters

Product Model	Green Deer 2.5kwh
Nominal Energy	2.5kwh(Actual 2.688kwh)
Nominal Voltage	25.6V
Nominal Capacity	Nominal 100Ah(Actual 105Ah)
Cell Type	LFP
Standard Charge Voltage	29.2V
Max Charge Current	100A
Discharge Cut-Off Voltage	20V
Max Discharge Current	100A
Parallel Function	Support In Parallel Connection
Load Power	≤3000W 24V Inverter
Calendar Life	8+ Years @25°C
Cycle Life *	≥4000 Cycles
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	420*460*158mm
Weight	28Kg
Installation method	(Wall mounted)

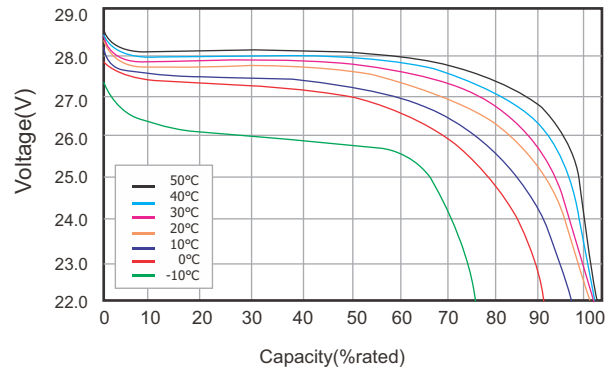
*Test Condition: 0.2C charge & discharge @25 °C

Different current/Temperature Discharge curves

Different Rate Discharge Curve @25°C

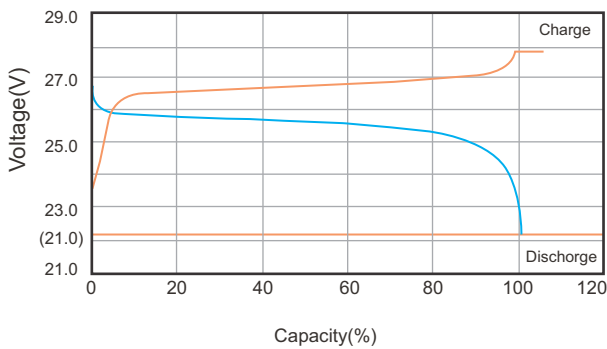


Different Temperature Discharge Curve @0.5C

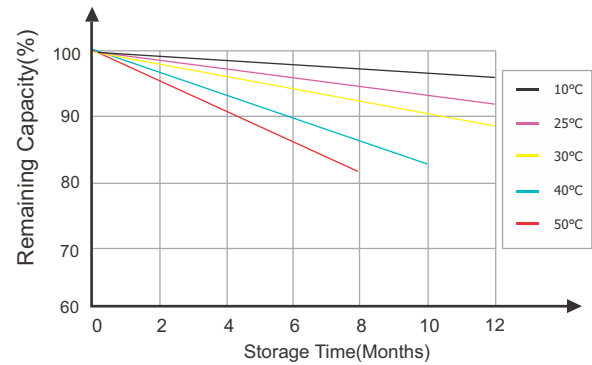


Charging and Discharge curve

Charge and Discharge at 25°C, 0.5C

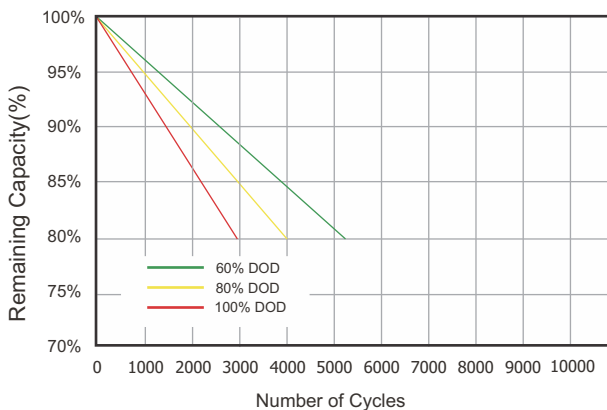


Different Temperature Self Discharge Curve



Cycle Life Curve

Different Discharge Depth Life Curves & 25°C, 0.5C



Different Discharge Depth Life Curves & 40°C, 0.5C

