















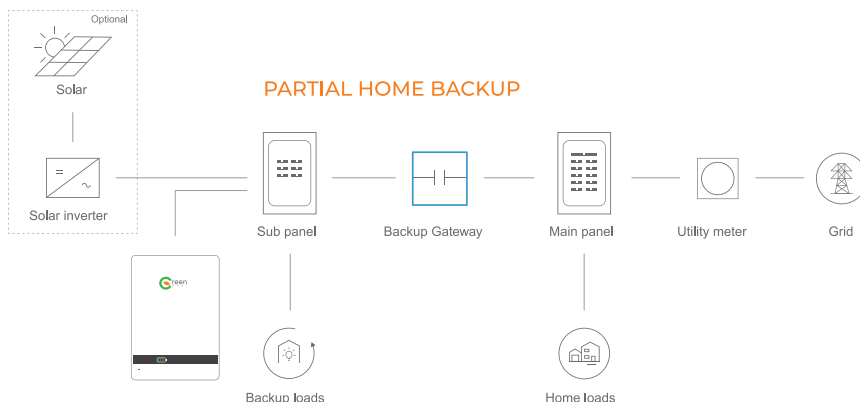
**5 KWH**  
**51.2V 5KWH LiFePO4**  
 Wall-Mounted Home Energy Storage Battery

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

-  10 years standard warranty
-  Superior LiFePO4 safety performance
-  6000 cycles at 80% DOD
-  Low voltage safety connection
-  Max. 15 modules parallel
-  1C/1C continual charge and discharge

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-  Superior LiFePO4 safety performance
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-  Low voltage safety connection
-  1C/1C continual charge and discharge
-  Max. 15 modules parallel

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



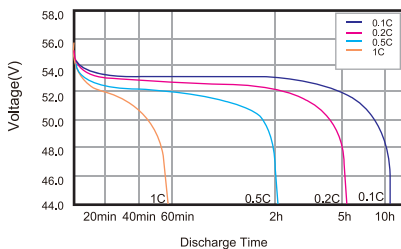
**Power Uninterrupted**

Product Model	Green Deer 5kwh	Green Deer 10kwh
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	200A
Discharge Cut-Off Voltage	40V	40V
Max Discharge Current	100A	200A
Parallel Function	Support 15 Units In Parallel	
Communication Interface	RS485、RS232、CAN (Optional)	
Design 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	660*550*140mm	680*490*225mm
Weight	55Kg	98Kg
Installation method	(Wall mounted)	

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

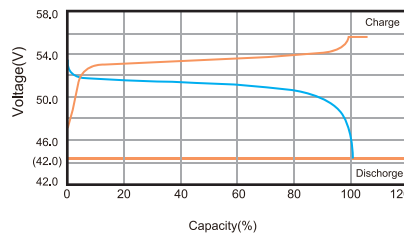
### Different current/Temperature Discharge curves

Different Rate Discharge Curve @25°C



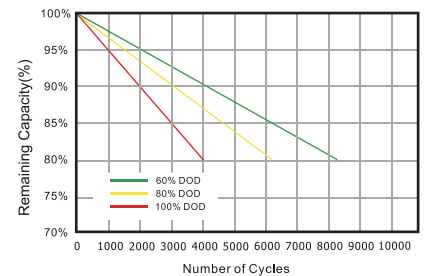
### Charging and Discharge curve

Charge and Discharge at 25°C,0.5C

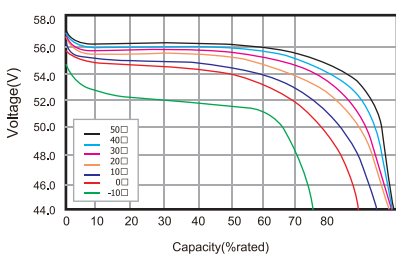


### Cycle Life Curve

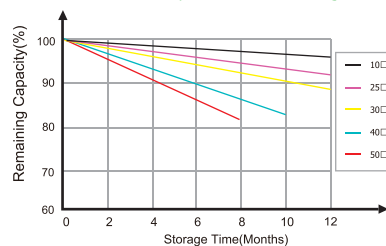
Different Discharge Depth Life Curves & 25°C,0.5C



Different Temperature Discharge Curve @0.5C



Different Temperature Self Discharge Curve



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

