



Features:

Two Mounting Methods:

- 1 Wall Mounted with Wall Bracket
- 2 Floor Stand With Detachable Floor Bracket



6000 cycles at 80% DOD



1C/1C continual charge and discharge



5 years standard warranty



Superior LiFePO4 safety performance



Low voltage safety connection



Max. 16 modules parallel

Compatible With Inverter Brands

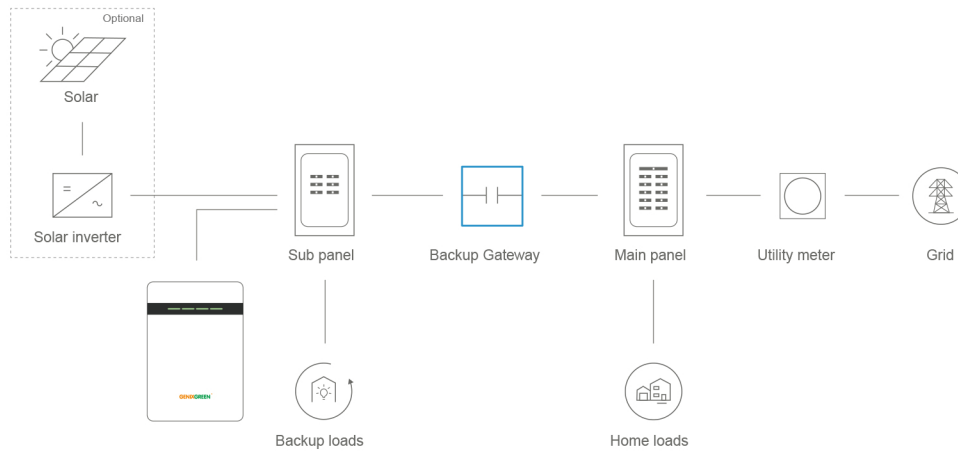
Genixgreen's battery BMS supports simultaneous communication and compatible with multiple inverter brands



51.2V Wall Mounted LiFePO4 Battery

5KWH 7.5KWH 10KWH 14KWH

PARTIAL HOME BACKUP



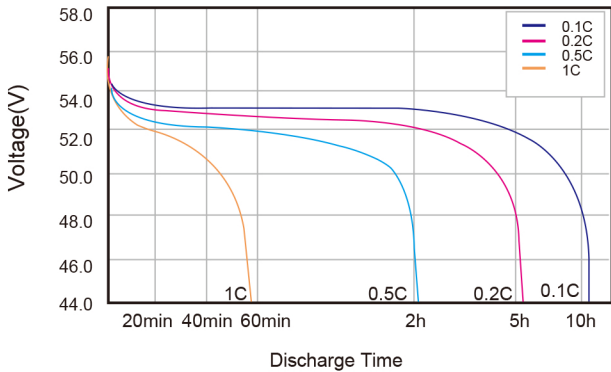
Parameters

Product Model	ES-BOX12	ES-BOX12 PRO	ES-BOX12 PLUS	ES-BOX12 MAX
Nominal Energy	5.12KWH	7.68KWH	10.34KWH	14.34KWH
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	150Ah	206Ah	280Ah
Cell Type	LFP	LFP	LFP	LFP
Standard Charge Voltage/Power	56V/5600W	56V/5600W	56V/5600W	56V/5600W
Max Discharge Current	100A	150A	150A	200A
Discharge Cut-Off Voltage/Power	44.8V/4480W	44.8V/4480W	44.8V/4480W	44.8V/4480W
Parallels Function	Support 16 Units In Parallels			
Communication Interface	RS485、RS232、CAN (Optional)			
Cycle Life *	≥6000 Cycles (80%DOD)			
Charge temperature range	0~65°C			
Discharge temperature range	-20~65°C			
Wifi module	Available	Not Available	Not Available	Not Available
Dimensions	480*600*150mm	480*650*180mm	480*650*225mm	490*840*242mm
Weight	48Kg	65Kg	85Kg	130Kg
Installation method	Wall Mounted/Floor Standing			
Warranty	5 Years(under warranty terms)			

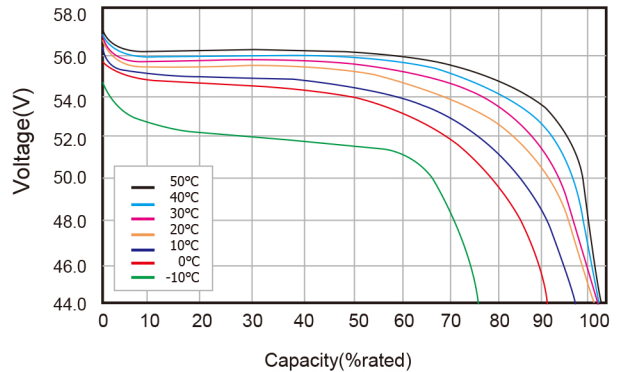
*Test Condition: 80% DOD, 0.2C charge & discharge @25°C

● **Different current/Temperature Discharge curves**

Different Rate Discharge Curve @25°C

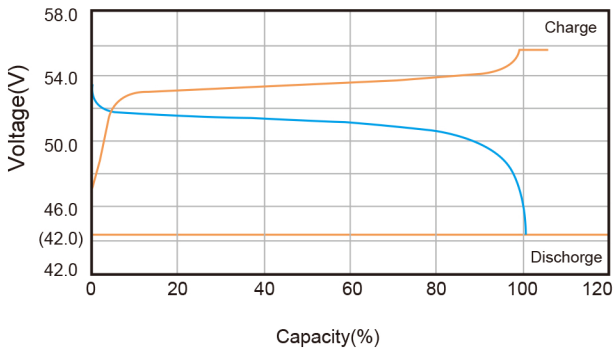


Different Temperature Discharge Curve @0.5C

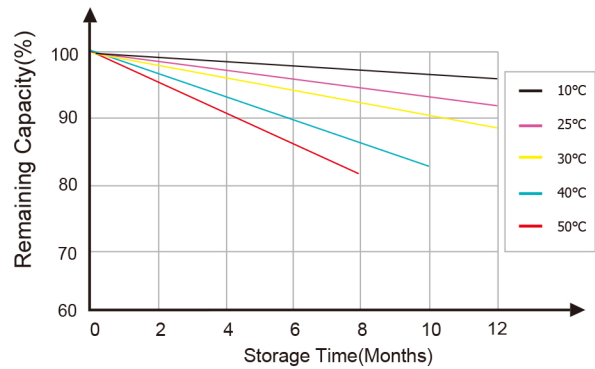


● **Charging and Discharge curve**

Charge and Discharge at 25°C,0.5C

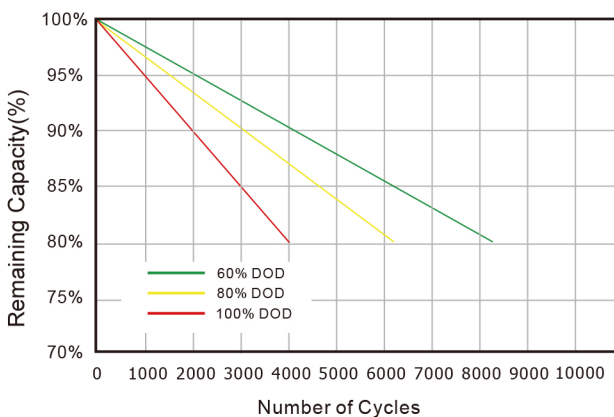


Different Temperature Self Discharge Curve

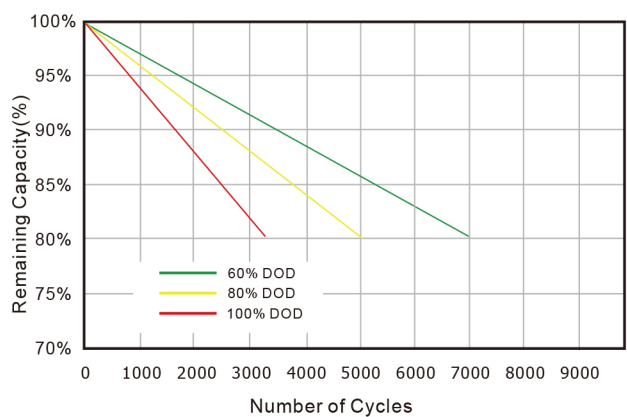


● **Cycle Life Curve**

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



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



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WiFi Remote Monitoring

Wifi module, cloud platform service, control at any time through mobile phone, virtual-meter, remote operation (the cloud platform has many functions)

