



SOL SAGE



4000 cycles
at 90% DOD



1C/1C continual
charge and discharge



10 years
standard warranty

Features:

Two Mounting Methods:

1 Wall Mounted with Wall Bracket

2 Floor Stand With Detachable Floor Bracket



Superior LiFePO4
safety performance



Low voltage
safety connection



Max. 8 modules parallel

Compatible With Inverter Brands

Battery BMS supports simultaneous communication and compatible with multiple inverter brands



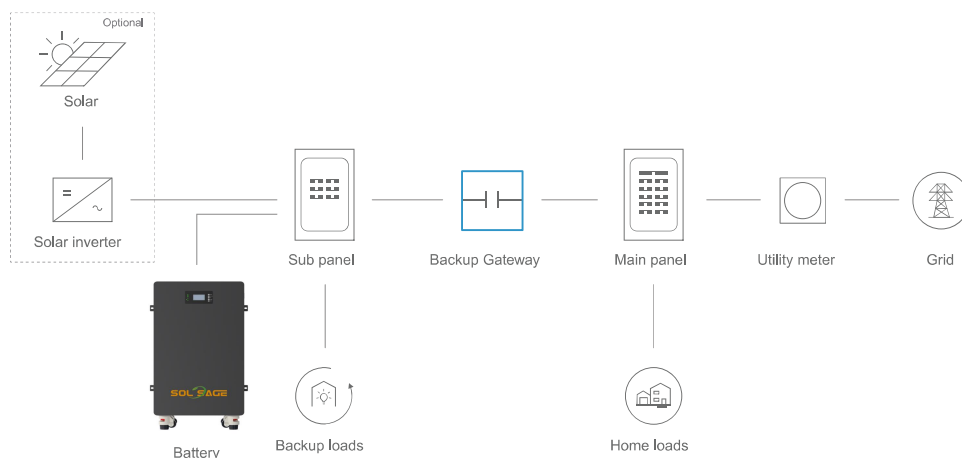
<https://sonecpower.com/>

51.2V Wall Mounted LiFePO4 Battery

5KWH 10KWH 14KWH 16.07KWH



PARTIAL HOME BACKUP



Parameters

Product Model	ES-BOX12	ES-BOX12 PLUS	ES-BOX12 MAX	ES-BOX12 MAX+
Nominal Energy	5.12KWH	10.34KWH	14.34KWH	16.07KWH
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	202Ah	280Ah	314Ah
Cell Type	LFP	LFP	LFP	LFP
Standard Charge Voltage	56V	56V	56V	56V
Max Discharge Current	100A	150A	200A	200A
Discharge Cut-Off Voltage	44.8V	44.8V	44.8V	44.8V
Parallels Function	Support 8 Units In Parallels			
Communication Interface	RS485、RS232、CAN (Optional)			
Cycle Life *	≥6000 Cycles (90%DOD)			
Charge temperature range	0~55℃			
Discharge temperature range	-20~55℃			
Certification	MSDS / UN38.3/UL1973			
Dimensions	480*600*150mm	480*650*180mm	490*840*242mm	490*932*242mm
Weight	58Kg	89Kg	123Kg	130Kg
Installation method	Wall Mounted/Floor Standing			
Warranty	5 Years(under warranty terms)			

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

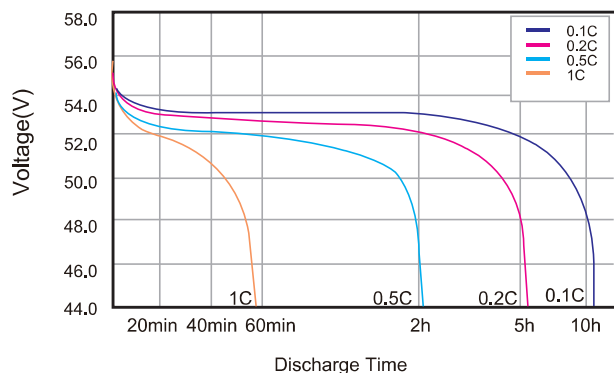
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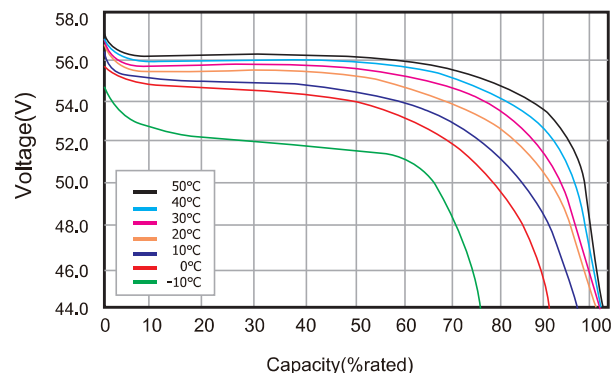


● Different current/Temperature Discharge curves

Different Rate Discharge Curve @25°C

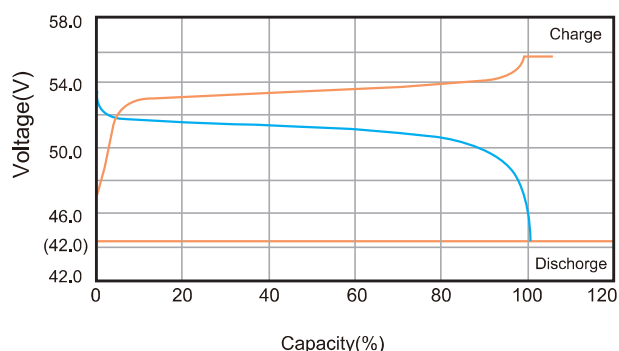


Different Temperature Discharge Curve @0.5C

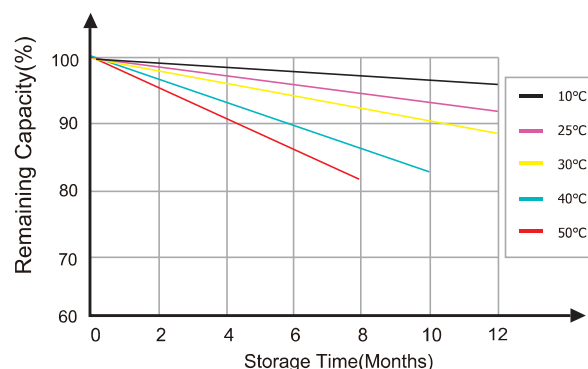


● Charging and Discharge curve

Charge and Discharge at 25°C, 0.5C

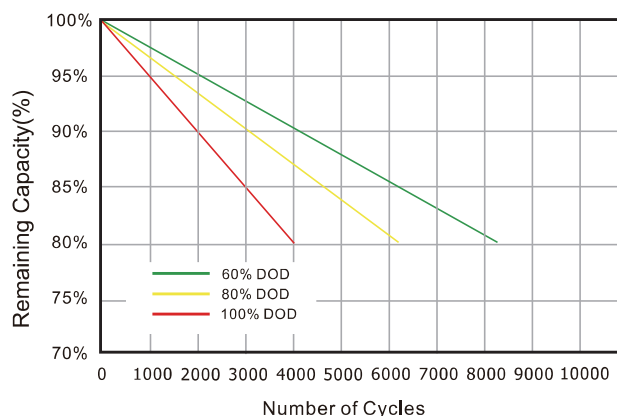


Different Temperature Self Discharge Curve



● Cycle Life Curve

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



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

