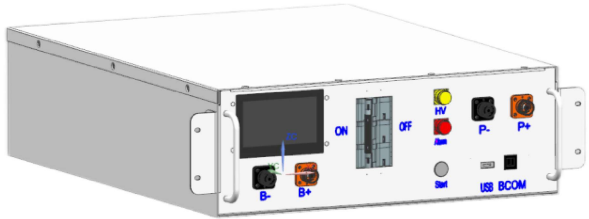


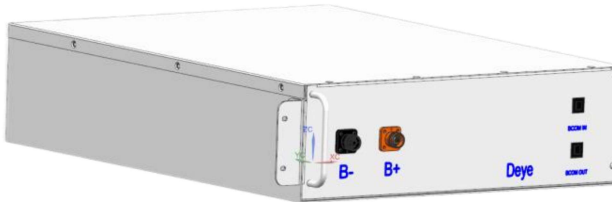
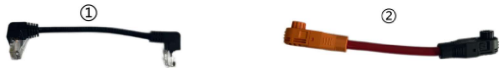




Model		B0S-G		
Main Parameter				
Cell Chemistry	LiFePO4			
Module Energy(kWh)	5.12			
Module Nominal Voltage (V)	51.2			
Module Capacity(Ah)	100			
Battery Module Qty in series. (Optional)	4 (Min)	8 (Standard US Cluster)	12 (Standard EU Cluster)	
System Nominal Voltage (V)	204.8	409.6	614.4	
System Operating Voltage (V)	180~230	359~460	538~691	
System Energy (kWh)	20.48	40.96	61.44	
System Usable Energy(kWh)	18.5	36.86	55.29	
Charge/Discharge Current (A)	Recommend	50		
	Max	100		
	Peak (2 mins, 25°C)	125		
Working Temperature(°C)	Charge: 0~50/Discharge: -20~55			
Status Indicator	Yellow: Battery High Voltage Power On Red: Battery System Alarm			
Communication Port	CAN2.0/RS485			
Humidity	5~85%RH			
Altitude	≤2000m			
IP Rating of Enclosure	IP20			
Dimension (W/D/H,mm)	580*590*1615		580*590*2200	
Weight Approximate(kg)	258	434	628	
Installation Location	Rack Mounting			
Storage Temperature(°C)	0~35			
Recommend Depth of Discharge	90%			
Cycle Life	25±2°C, 0.5C/0.5C, EOL70%≥6000			
Warranty	10years			
Certification	CE/IEC62619/UL1973/UL9540A/UN38.3			

- 1 DC Usable Energy, test conditions: 90% DOD, 0.5C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.
- 2 The current is affected by temperature and SOC.
- 3 The warranty is due whichever reached first of warranty period or life cycle power.

Model	Description
HVB750V/100A-EU	High Voltage Battery cluster control box conforming to European or British Standards
<p>Operating Voltage 120 ~ 750Vdc Nomina Charge/Discharge Current 100A Max.Charge/Discharge Current 125A DC Input Rating 12±2%V/4.15A Operating Temperature Range -20~55°C Ingress Protection IP20 Dimension (W/D/H) 440*565*150mm Weight Approximate 15.5kg</p>	
HVB750V/100A-US	High Voltage Battery cluster control box conforming to North American Standard
<p>Operating Voltage 120 ~ 750Vdc Nominal Charge/Discharge Current 100A Max.Charge/Discharge Current 125A DC Input Rating 12±2%V/4.15A Operating Temperature Range -20~55°C Ingress Protection IP20 Dimension (W/D/H) 440*565*150mm Weight Approximate 17kg</p>	
<p>High voltage box Standard configuration: ① 120 ohm terminal resistance ② 140mm communication cable ③ 220mm power cable ④ 1.5m power cable (US Version) 2.1m power cable (EU Version)</p>	
BOS-GM5.1	5.12 kwh battery module
<p>Battery Type LiFePO4(LFP) Nominal Voltage 51.2Vdc Nominal Capacity 100Ah Nominal Energy 5.12kWh Nominal Charge/Discharge Current 100A Max.Charge/Discharge Current 125A Charge Temperature 0~50°C Discharge Temperature -20°C ~ 55°C Storage Temperature 0°C ~ 35°C Ingress Protection IP20 Dimension (W/D/H) 440*570*133mm Weight Approximate 44kg</p>	
<p>Battery module Standard configuration: ① 110mm communication cable ② 200mm power cable</p>	
EPCable5.0(Optional)	Standard 5-meter power cable connected to the positive pole of the external PCS
1000V/4AWG cable	
ENCable5.0(Optional)	Standard 5-meter power cable connected to the negative pole of the external PCS
1000V/4AWG cable	

System Components

Model	Description
EPWR Cable5.0(Optional)	Standard 5-meter cable connected to external 12VDC power supply



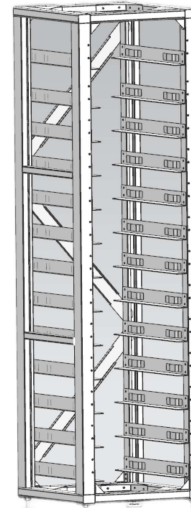
ECOM Cable5.0(Optional)	Standard 5-meter communication cable connected to the external device
-------------------------	---



3U-HRACK(Optional)	Standard 19inch rack, caninstall 12 pcs batteries and 1 pcs High Voltage Battery cluster control box
--------------------	--

Dimension (W/D/H)
Weight Approximate

580*590*2200mm
85kg



3U-LRACK(Optional)	Standard 19inch rack, caninstall 8 pcs batteries and 1 pcs High Voltage Battery cluster control box
--------------------	---

Dimension (W/D/H)
Weight Approximate

580*590*1615mm
65kg

