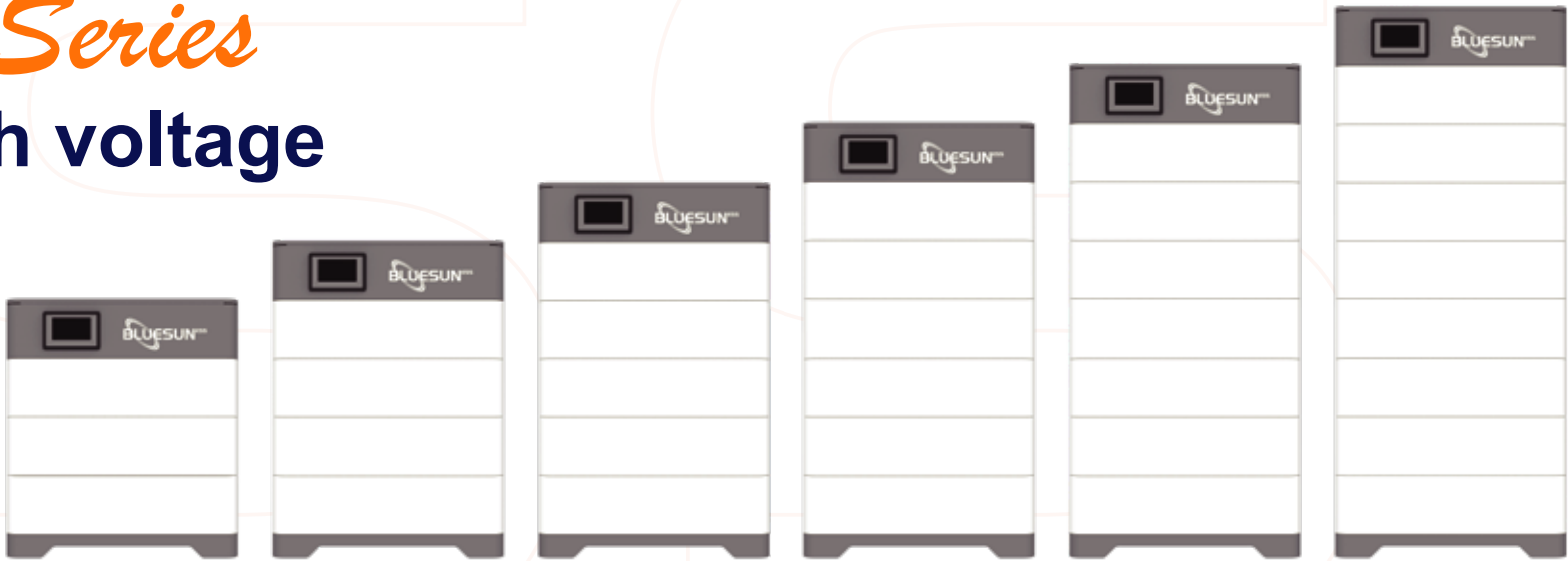


BST

Series

100Ah | High voltage



MODEL	BST-15.0HV	BST-20.0HV	BST-25.0HV	BST-30.0HV	BST-35.0HV	BST-40.0HV
Battery Type	LiFePO4(LFP)					
Nominal Voltage(V)	153.6V	204.8V	256.0V	307.2V	358.4V	409.6V
Nominal Capacity(KWH)	16.28KWH	21.7KWH	27.13KWH	32.56KWH	37.99KWH	43.41KWH
Usable Capacity(KWH)	14.65KWH	19.53KWH	24.41KWH	29.30KWH	34.19KWH	39.07KWH
Design Life	10 + Years (25℃/77F)					
Physical						
Dimension(mm)	600*400*683	600*400*832	600*400*981	600*400*1130	600*400*1279	600*400*1428
Weight(kg)	170	215	260	305	350	395
ELECTRICAL						
Calendar Life ^[1]	6500+ cycles					
Discharge Voltage(V)	120-144	160-192	200-240	240-288	280	320
Charge Voltage(V)	168-175.2	224-233.6	280-292	336-350.4	408.8	467.2
Charge/Discharge Current(A)	50A (Recommended) 100A(Max)					
Internal Resistance	≤30mΩ					
BMS						
Power Consumption	<2W (Work) < 100mW(Sleep)					
Monitoring Parameters	System voltage, current, cell voltage,cell temperature, module temperature					
SOC	Intelligent algorithm					
Communication	CAN/RS-485/RS-232					
OPERATION						
Operating Temperature Range	-10℃ -50℃					
Transport or Storage Temperate Range	-20℃ -45℃					
Humidity	15% - 85% (No Condensing)					
WARRANTY						
Product Warranty	5 Years					
Performance Warranty	10Years					
CERTIFICATE						
Certificate	UN38.3 UL1973 UL9540 IEC62619					

[1] Test conditions: 0.2C Charging/Discharging,@25℃ , 80%Dod