



High Voltage Battery Technical Specifications

Model	GF-Box-15000W	GF-Box-20000W	GF-Box-25000W	GF-Box-30000W
Nominal Voltage	153.6V(48series)	204.8V(64series)	256V(80series)	307.2V(96series)
Capacity	100Ah	100Ah	100Ah	100Ah
Energy	15.36KWh	15.36KWh	25.6KWh	30.72KWh
Internal Resistance	≤80mΩ	≤100mΩ	≤120mΩ	≤120mΩ
Cycle Life	≥6000cycles@80%DOD,25°C, 0.5C			
Design Life	< 15 years			
Charge Cut-off Voltage	168V±0.5V	228V±0.5V	284V±0.5V	340V±0.5V
Max. Continuous Work Current	100A			
Discharge Cut-off Voltage	135V±0.5V	180V±0.5V	225V±0.5V	270V±0.5V
Charge Temperature	0°C~60°C (Under 0°C extra heating mechanism)			
Discharge Temperature	~20°C~60°C (Under 0°C work with reduced capacity)			
Storage Temperature	-40°C~55°C@ 60% ±25% relative humidity			
Dimensions	745*415*590	930*415*590	1120*415*590	1300*415*590
Weight	195kg	260kg	310kg	360kg
Protocol (optional)	RS232-PC,RS4885-Parallel RS485-Invertwer,Canbus-Inverter			
Certification	UN38.3,MSDS,UL1973(Cell),IEC62619(Cell)			