



Stack Box Low Voltage Battery Series

Model	LV15kwh-Stack	LV20kwh-Stack	LV25kwh-Stack	LV30kwh-Stack
Nominal Voltage	51.2V(16series)	51.2V(16series)	51.2V(16series)	51.2V(16series)
Capacity	300Ah	400Ah	500Ah	600Ah
Energy	15.36KWh	20.48KWh	25.6KWh	30.72KWh
Internal Resistance	≤30mΩ			
Cycle Life	≥5000cycles@80%DOD,25°C , 0.5C ≥4000cycles@80%DOD,40°C , 0.5C			
Design Life	≥10 years			
Charge Cut-off Voltage	56.0V±0.5V			
Max. Continuous Work Current	100A			
Discharge Cut-off Voltage	45V±0.2V			
Charge Temperature	0°C~60°C (Under 0°C extra heating mechanism)			
Discharge Temperature	-20°C~60°C (Under 0°Cwork with reduced capacity)			
Storage Temperature	-40°C~55°C @ 60%±25% relative humidity			
Dimensions	745*415*590 mm	930*415*590 mm	1120*415*590 mm	1300*415*590 mm
Weight	Approx: 195kg	Approx: 260kg	Approx: 310kg	Approx: 360kg
Protocol (optional)	RS232-PC,RS485(B)-PC RS485(A)-Inverter,Canbus-Inverter			
Certification	UN38.3,MSDS,UL1973(Cell),IEC62619(Cell)			