



Powerwall Battery Series

Model	PW-5kwh	PW-7kwh	PW-10kwh
Nominal Voltage	51.2V(16series)		
Capacity	100Ah	150Ah	200Ah
Energy	5120Wh	7680Wh	10240Wh
Internal Resistance	≤30mΩ		
Cycle Life	≥5000 cycles @ 80% DOD, 25°C, 0.5C ≥4000 cycles @ 80% DOD, 40°C, 0.5C		
Design Life	≥10 years		
Charge Cut-off Voltage	56.0V±0.5V		
Max. Continuous Work Current	100A/150A(Can choose)		
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	680 x485 x180(220)mm		
Weight	Approx: 62kg	Approx: 79kg	Approx: 98kg
Protocol (optional)	RS232-PC,RS485(B)-PC RS485(A)-Inverter,Canbus-Inverter		
Certification	UN38.3,MSDS,UL1973(Cell),IEC62619(Cell)		