

Residential ALL-IN-ONE LV ESS

Power Wall AIO
Capacity: 5KW/5KWh
5KW/10KWh



Features and Advantages

- The first wall-mounted all-in-one ESS on the market
- All-IN-ONE, Plug & Play
- Super Slim, Elegant appearance
- With WiFi, APP real-time monitoring
- 6,000 times cycle life, 15 years life time

Technical specification		
Model No	Power Wall AIO 5KW/5KWH	Power Wall AIO 5KW/10KWH
Nominal Parameters		
Voltage	51.2V	
Operation Voltage	41.6-58.4V	
Capacity	100Ah	200Ah
Energy	5.12KWh	10.24KWh
Recommended Charge Current	50A	80A
Max. Discharging Current	100A	100A
Dimensions (L x Wx H)	140 x 529.5x858mm	230 x 550.5x935mm
Weight	61kg	95kg
Basic Parameters		
Life Time(25°C)	15years	
Life Cycles(80% DOD,25°C)	>6000 Cycles (80%DOD)	
Storage Temperature	-10°C~ 45 °C	
Discharge Temperature	-20°C~ 60 °C	
Charge Temperature	0°C~ 45 °C	
Certification	UN38.3,MSDS,CE,UL& IEC(Cell certified)	
IP Rating	IP55	
Inverter		
Nominal Power	5KW	
Max PV Input Power	6KW	
MPPT PV Input Voltage	120-450V DC	
Max PV Input Voltage	495V DC	
Max MPPT Charge Current	80A	
Efficiency	95%	
Switching Time	20ms Home appliance	
Max AC Charge Current	60A	
AC Output	230Vac, 50Hz	
Overload	5s@≥150%, 10s@110%~150%	
Certification	CE	

Application

