



Vxl5100w

Vxl7600w

Vxl1000w

Powerwall ESS

Advantages

- Battery parameter show from LCD
- Inverter brand choose from LCD directly
- Match with all the mainstream inverter brands
- More than 6000 cycle life.
- Reliable
 - With high energy density,compact structure,light-weight and no pollution
- High safety Lifepo4 battery
 - Airswitch and Smart BMS internal built-in.

Application scenarios



Parameters

Mode	Vxl2500w	Vxl5100w	Vxl7600w	Vxl1000w
Battery Type	Lifepo4 battery			
Battery Combination	16S1P			
Case Numbers	1 pc			
Nominal Characteristic				
Nominal Voltage	51.2V			
Battery Capacity	50Ah	100Ah	150Ah	200Ah
Nominal Energy Capacity	2.5Kwh	5.12Kwh	7.6KWh	10Kwh
Peak Output Current	100A			
Round Trip Efficiency	96%-99%			
Electrical Specifications				
Voltage Range	40V-58.4V			
Max. Charing Current	100A			
Max. Discharging Current	100A			
Mechanical Specifications				
Net Weight	25Kg	48Kg	75.0kg	100Kg
Dimension	158mmX370mmX410mm	155mmX570mmX410mm	155mmX860mmX485mm	155mmX860mmX485mm
Color	White			
Cooling	Nature			
Communication Specifications				
Communication Port	RS485/RS232/CAN			
Operation Condition				
Operation Temperature	-20-65℃			
Recommended Temperature	0-65℃			
Operation Humidity	60%±25%			
Storage Conditions	0~40℃			
Compliances				
Certification	CE/IEC/UN38.3			
Standards	EN61000-6-1:2007 EN61000-6-3:2007+A1:2011			
Warranty				
Performance Warranty	10 years			
Life design	10+ years			
Installation type				
Installation type	Wall mounted			
Cycle life				
0.2C at room temp	6000+ times(80% DOD)			
0.5C at room temp	4000+ times(80% DOD)			
1.0C at room temp	2500+ times(80% DOD)			
Compatible Inverter Type	Match with all the mainstream inverter brands			