



Vxl5100 5Kwh

Vxl48200 10Kwh

Vxl48600 30Kwh

Rackmount LiFePO4 Battery ESS

Advantages

- Advanced internal design
  - Modular design  
Support up to 15 units in parallel, scale from 2.5Kwh to 150Kwh
  - Compact&Flexible  
3U size design and bracket kits for installation.
- Safe&Reliable  
Cobalt free with safe Lifepo4 chemistry
  - Ultra long life  
More than 6000 cycles at 0.2C
  - Quality Ensurance  
Brand New and Grade A

Application scenarios



Parameters

Mode	Vxl2500	Vxl5100	Vxl1000
Battery Type	LiFePO4		
Battery Combination	16S1P		
Case Numbers	1 pc		
Nominal Characteristic			
Nominal Voltage	51.2V		
Battery Capacity	50Ah	100Ah	200Ah
Nominal Energy Capacity	2.5KWh	5.12KWh	10KWh
Peak Output Current	100A		
Round Trip Efficiency	80% DOD		
Electrical Specifications			
Voltage Range	40-58.4V		
Max. Charing Current	100A		
Max. Discharing Current	100A		
Mechanical Specifications			
Net Weight	25Kg	48kg	95kg
Dimension	430*442*136mm	430*442*136mm	442*520*320mm
Color	Black/White/Customizable		
Cooling	Advanced Internal design&Natural Convention		
Communication Specifications			
Communication Port	RS232/RS485/CAN		
Operation Condition			
Operation Temperature	-20℃—60℃		
Recommended Temperature	0℃—35℃		
Operation Humidity	60%±25%		
Designed Life	> 10 years		
Storage Conditions	10℃—50℃		
Compliances			
Certification	CE/EN62619/UN38.3/ROHS		
Standards	EN61000-6-1:2007 EN61000-6-3:2007+A1:2011		
Cycle life			
0.2C at 25℃	6000+ times(80%DOD)		
0.5C at 25℃	4000+ times(80% DOD)		
1.0C at 25℃	2500+ times(80% DOD)		
Inverter Type			
Match with all the mainstream inverter brands			