

VTC VxI5100 5.1kWh LiFePO4 Rack Mount



VTC VxI5100 5.1 kWh

KEY ADVANTAGES

- 10 Year Local Warranty (Exchange Warranty)
- Use its full capacity and handle power spikes with a continuous charge & Discharge Current of 100A (1C Continuous rating)
- Scalable up to 15 units in parallel (76.5Kwh)
- Compact & Flexible 3U size design and bracket kits for installation.
- Safe & Reliable Cobalt free with safe Lifepo4 chemistry
- Ultra long life 8000+ cycles at 80% DOD
- 15+ Years Design Life
- Quality Assurance Brand New 1st LiFePO4 Grade A Cells
- Less than 3% Self Discharging



BMS Compatibility with Multiple Inverter Brands



Mode	Vxl5100		
Battery Chemistry	LiFePO4 (Lithium Iron Phosphate)		
Battery Combination	16S1P		
Performance Warranty	10 Years		
Nominal Characteristic			
Nominal Voltage	51.2V		
Battery Capacity		100Ah	
Nominal Energy Capacity		5.12KWh	
Peak Output Current	100A		
Round Trip Efficiency	80%DOD		
Electrical Specifications			
Voltage Range	40- 58.4V		
Max. Charging Current	100A (1C Rated True Continuous)		
Max. Discharging Current	100A (1C Rated True Continuous)		
Mechanical Specifications			
Net Weight	48kg		
Dimension	430*442*136mm		
Color	Black/White/Customisable		
Cooling	Advanced Internal design & Natural Convention		
Communication Specifications			
Communication Port	RS232/RS485/CAN		
Operation Condition			
Operation Temperature	- 20°C—60°C		
Recommended Temperature	0°C— 35°C		
Operation Humidity	60%±25%		
Designed Life	>15 years		
Storage Conditions	10°C—50°C		
Compliances			
Certification	CE/EN62619/UN38.3/ROHS		
Standards	EN61000- 6- 1:2007 EN61000- 6- 3:2007+A1:2011		
Cycle life			
0.2C at 25°C	8000+ times(80%DOD)		
0.5C at 25°C	6000+ times(80%DOD)		
1.0C at 25°C	3500+ times(80%DOD)		
Inverter Type			
Match with all the mainstream inverter brands			