



More Usable Energy
90% depth of discharge



High Energy
Single cell with 100Ah



Flexible Installation
Wall mounted or rack-mounted



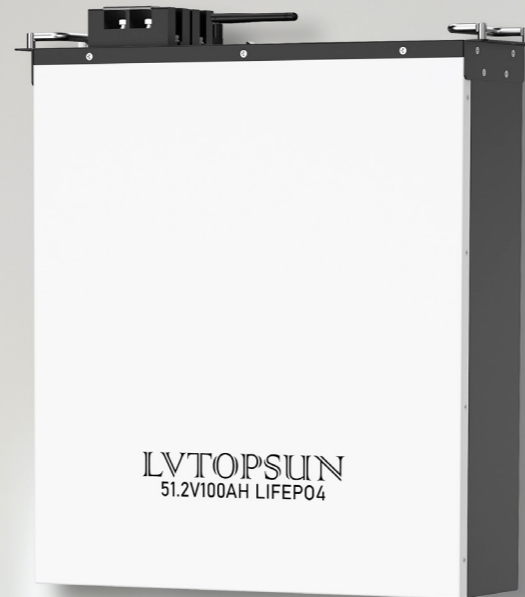
Indicator light display
Real-time battery status display



Perfect Compatibility
Compatible with mainstream inverter brand



High Expansibility
Max 15 batteries in parallel. Scalable from 5.12kWh to 76.8kWh



Specifications

Model	LVTS-48100-NS	LVTS-512100-NS
Performance		
Nominal Voltage	48 Vdc	51.2 Vdc
Nominal Capacity	100 Ah	100 Ah
Battery Energy	4.8 kwh	5.12 kwh
Working Voltage	42.75~52.65 Vdc	45.6~56.16 Vdc
Max Charge Current	50 A	
Max Charge Power	2400 W	2560 W
Max Discharge Current	100 A	
Max Discharge Power	4800 W	5120 W
Short circuit current	350 A	
Communication		
Display	SOC status indicator, LED indicator	
Communication	RS232, RS485, CAN	
General Specification		
Dimension (WxDxH mm)	440x500x132 mm	
Weight (Kg)	40.5 kg	47.3 kg
Installation	Rack mounted or wall mounted	
Working Temperature	Charge : 0~45°C / Discharge : -20~55°C	
Storage Temperature	≤ 25°C, 12 months; ≤ 35°C, 6 months; ≤ 45°C, 3 months	
Operating /Storage /humidity	≤ 95%RH	
Max Operating Altitude	≤ 2000m	
IP Rating	IP20	
Cell Technology	LiFePO ₄ , Lithium Iron Phosphate	
Cycle life	6000 Cycles @ 90% DOD/25°C/0.5C	
Warranty	5 years	
Scalability	Max 15 batteries in parallel	