



More Usable Energy
90% depth of discharge



High Energy
Single cell with 100Ah



Flexible Installation
Wall mounted or floor stand



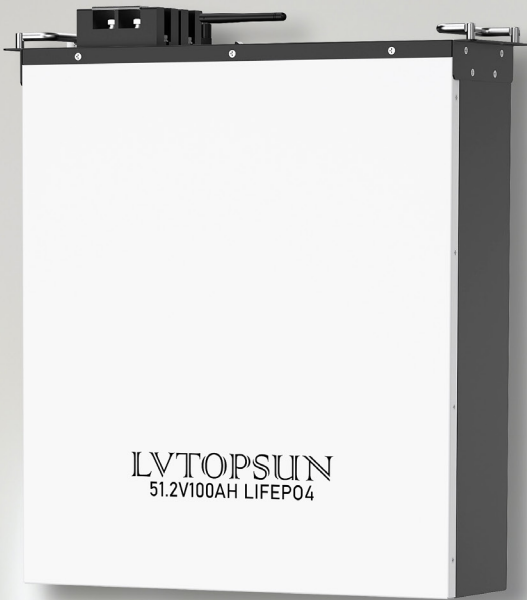
Indicator light display
Touchscreen-control.Real-time battery status display



Perfect Compatibility
Compatible with mainstream inverter brand



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



Model	LV-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
Charge Voltage	52.2~52.65 Vdc	55.68~56.16 Vdc
Discharge 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 statusindicator, 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	
WorkingTemperature	-20℃~55℃	
Storage Temperature	≤25℃,12 months; ≤35℃,6 months; ≤45℃,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℃/0.5C	
Warranty	5 years	
Scalability	Max 15 batteries in parallel	
Ordering and Deliverable Part		
Product ordering part	L48100-NS Battery (cable/wall mount included)	
	LVTS-512100-NS Battery (cable/wall mount included)	