

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



Parvaneh Trading

بازرگانی پروانه
وارد کننده تخصصی
تجهیزات برق خورشیدی در ایران

www.parvanehco.com
01155220000
09120230322

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°C~60°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, 60% EOL	
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)	