




Economic & Affordable




More Usable Energy
90% depth of discharge




High Efficiency
Full-time 1C discharge



High Expansibility
Scalable from
4.8kWh to 72kWh



Flexible Installation
Rack mounted or wall
mounted



Perfect Compatibility
Compatible with mainstream
inverter brand



Model	LV48100
Performance	
Nominal Voltage	48 Vdc
Nominal Capacity	100Ah
Battery Energy	4.8 kWh
Charge Voltage	52.2~52.65 Vdc
Discharge Voltage	42.75~52.65 Vdc
Max Charge Current	50A
Max Charge Power	2400W
Max Discharge Current	100A
Max Discharge Power	4800W
Short circuit current	350A
Communication	
Display	SOC status indicator, LED indicator
Communication	RS232、RS485、CAN
General Specification	
Dimension(W×D×H mm)	440×500×132mm
Weight (Kg)	40.5kg
Installation	Rack mounted or wall mounted
Working Temperature	-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	LV48100 battery (cable/wall mount included)