

 <b>Economic &amp; Affordable</b>	 <b>More Usable Energy</b> 90% depth of discharge	 <b>High Efficiency</b> Full-time 1C discharge
 <b>High Expansibility</b> Scalable from 4.8kWh to 72kWh	 <b>Flexible Installation</b> Rack mounted or wall mounted	 <b>Perfect Compatibility</b> Compatible with mainstream inverter brand



Model	LV48100
<b>Performance</b>	
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
<b>Communication</b>	
Display	SOC status indicator, LED indicator
Communication	RS232, RS485, CAN
<b>General Specification</b>	
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 <sub>4</sub> , Lithium Iron phosphate
Cycle life	6000 Cycles @ 90% DOD/25°C/0.5C, 60% EOL
Warranty	5 years
Scalability	Max 15 batteries in parallel
<b>Ordering and Deliverable Part</b>	
Product ordering part	LV48100 battery (Cable/wall mount included)