



**More Usable Energy**

90% Depth of Discharge



**Flexible Investment**

4.8kWh Modular Design  
Scalable from 4.8 to 19.2 kWh



**Safe & Reliable**

Lithium Iron Phosphate Cell



**Easy Installation**

Rack mounted or wall mounted



**Quick Commissioning**

Automatic ID Assignment



**Perfect Compatibility**

Compatible with DEYE, GOODWE,  
GROWATT, SOLIS, SOFAR,  
LUXPOWER, TBB ... hybrid inverter

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
Nominal Charge / Discharge Current	50A
Nominal Charge / Discharge Power	2400W
Max Charge / Discharge Current	100A
Max Charge / 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 )	442×500×130mm
Weight (Kg)	44kg
Installation	Rack mounted or wall mounted
Working Temperature	-20℃ ~ 60℃
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 <sub>4</sub> , Lithium Iron Phosphate
Cycle life	6000 Cycles @ 90% DOD / 25℃ / 0.5C, 60% EOL
Warranty	5 years
Scalability	Max 4 batteries in parallel

Ordering and Deliverable Part	
Product ordering part	LV48100 battery LV48100 wall mount accessory LV48100 cable