

**51.2V  
500Ah**  
Felicity Solar  
LiFePO4 Battery



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# 48V 500AH 25KWH

## LiFePO4 Battery

Up to 15 units in parallel(375kWh)

Compatible with leading inverter brands.

≥6000+ Cycle Life

10 Years Warranty

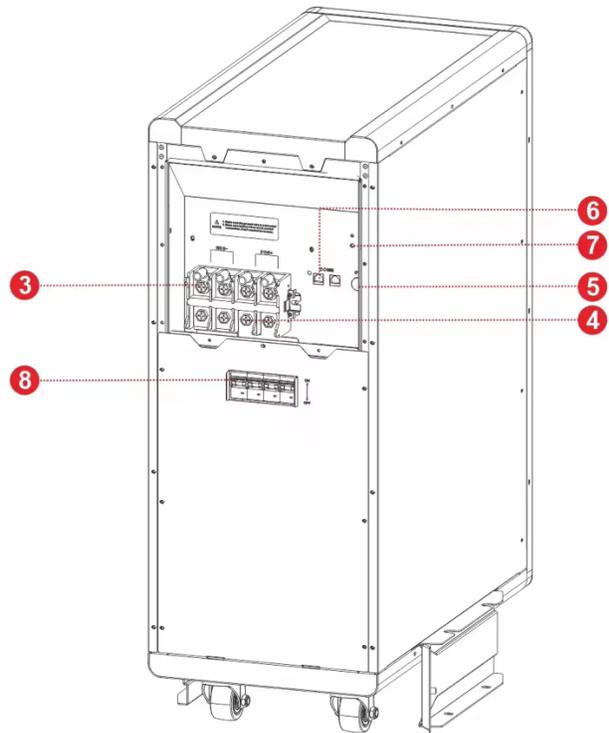
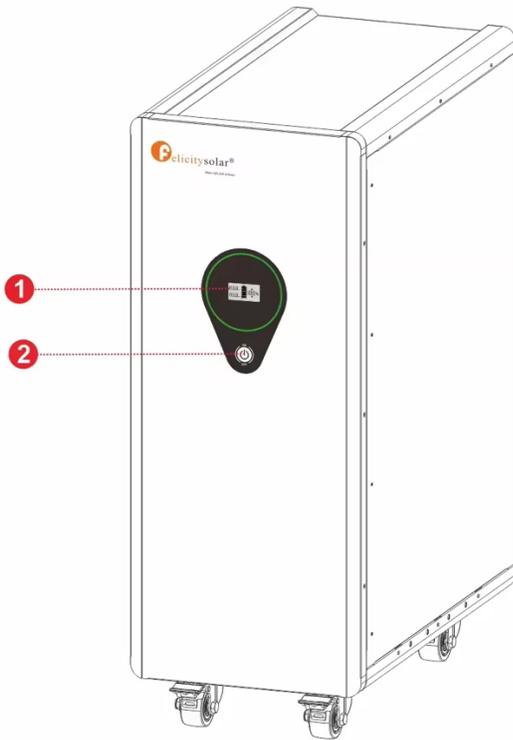
Built-in smart BMS



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Model	FLA48500
Capacity	25kWh
Battery Type	LiFePO4
Nominal Voltage	51.2V
Operating Voltage	44.8-57.6V
Recommend Charge/Discharge Current[1]	≤200A
Recommend Charge/Discharge Power[1]	≤10,000W
Maximum Charge/Discharge Current(15s)	300A
Maximum Charge/Discharge Power(15s)	15,000W
Depth of Discharge(DOD)	≥ 95%
Scalability	Up to 15 units in parallel(375kWh)
Communication	RS485 / CAN
Protection Level	IP21
Cycle Life[2]	≥ 6000 Cycles
Charging Temperature Range	0-55 °C
Discharging Temperature Range	-20-55°C
Display	LCD+LED
Installation	Floor-Mounted
Protection	Built-in smart BMS, Breaker, Fuse
Net Weight	218kg
Gross Weight	248kg
Product Dimension	718x380x990mm
Package Dimension	825x498x1162mm
[1] Recommend charge/discharge current/power is affected by temperature and SOC.	
[2] Test conditions: 0.2C Charging/Discharging @25°C , 80% DOD.	

# Product Details



1. LCD display

3. Battery Negative -

5. Switch

7. Earth wire

2. Power On/Charging indicator

4. Battery Positive +

6. Communication port

8. Breaker

**Net Weight: 480lbs**  
**Gross Weight: 546lbs**

