



### SPZ-48100 | (5.12 kWh) Expandable MODULAR BATTERY

Affordable, cutting-edge technology for comprehensive solar energy solutions. From Residential peak-shifting to emergency Commercial backup, Spitzer has you covered.

#### Key Features

##### Safe & Reliable

- Reliable Lithium iron phosphate battery technology
- Rigorously tested, UL 1973, UL 9540, UL9540A.
- Warranty: 10 Years (Optional extended warranty)

##### Friendly & Flexible

- Modular and Stackable Battery System Expandable up to 280 KWh.
- DC and AC Compatible Solution for interconnectivity with new and existing solar systems.

##### Economical & Efficient

- Self-Consumption: so you can fully use your own PV energy.
- Savings Optimization to avoid peak time-of-use rates (TOU).
- Emergency Backup system to securely power your home even when the power is out.

## Technical Specifications

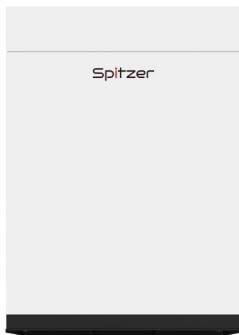
Spitzer Energy Modular Storage Battery

Technical specification	SPZ-48100
<b>General</b>	
Battery Size	5.12kWh(100Ah)
Cell Type	Lithium Iron Phosphate (LiFePo4)
Voltage Range	47.5V-58V
Maximum Continuous Charge/Discharge Rate	50A (2.56kW DC)
Peak Discharge Rate	102A (5.22kW@15s)
Round-Trip Efficiency	≥95%
Communication Protocol	RS232, RS485, CAN
Cycle Life	≥6000cycle
AC output topology	Split phase, 2/3 phase, single phase
Maximum Allowed Modules in One Parallel	8 pcs (4kWh)
Maximum Parallel	6 Groups (245.76kWh) in a system w/a Hub
Max.Input current of single MPPT(A)	14
Certificates	UL9540, UL9540A, UL1973, SGIP, CEC
<b>Package</b>	
Unit Dimension (L*W*H)	17.32 * 24.41 * 4.61 inch
Unit Weight	112.5lbs
Storage Temperature	<1month: -4°F ~ 131°F 1-3months: 32°F ~95°F 3-12months: 68°F~77°F

### 48100 - Modular Battery



### Enclosure Options (Sold separately)



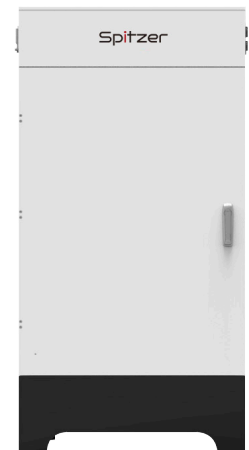
IP20-2 Wall Mount



IP20-6 Floor Mount



IP64-2 Wall Mount



IP55-4 Floor Mount