

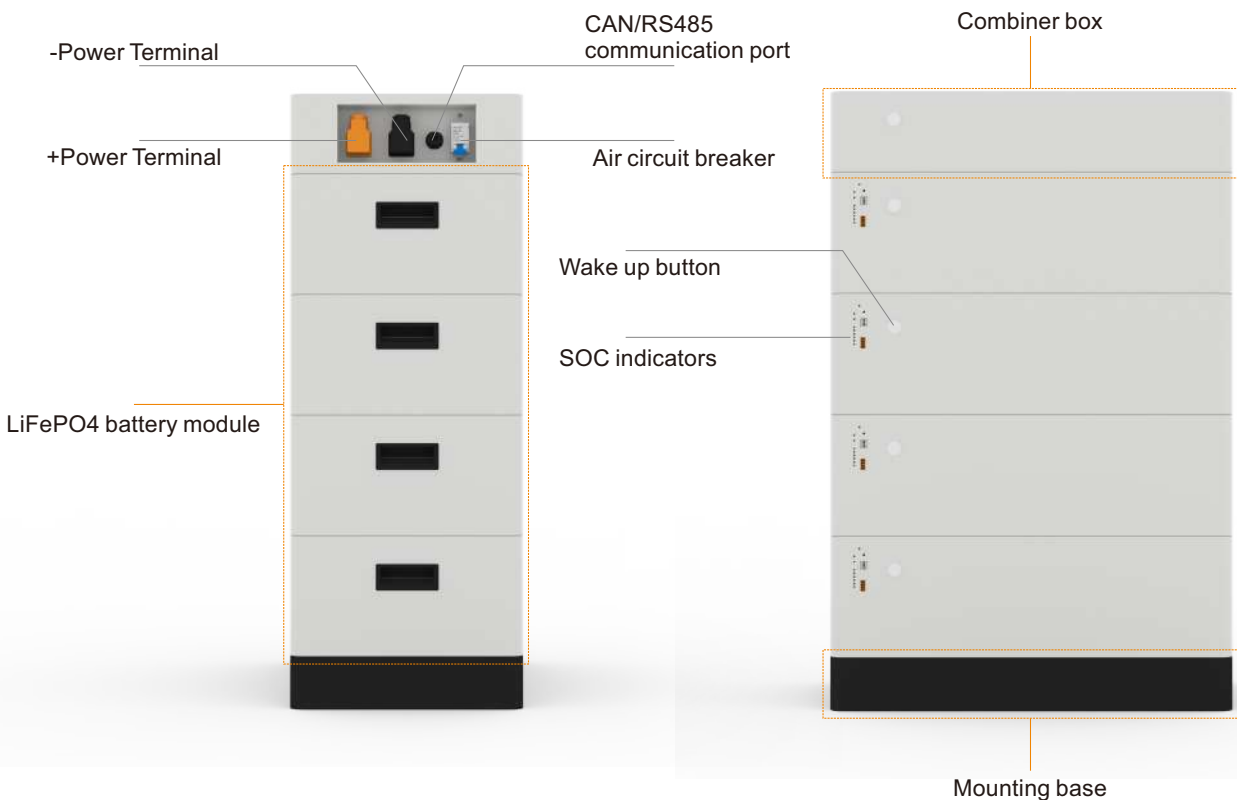
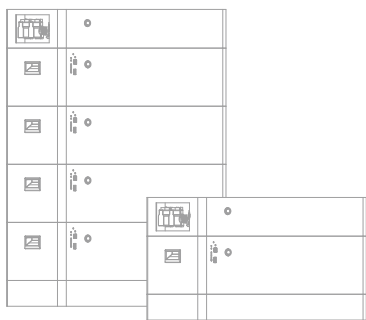


STACKABLE LIFEPO4 BATTERY MODULE

An advanced LFP battery delivering safe, long-lasting, and reliable energy storage for solar and backup power.

 **≥6000** Cycles life

- Continuous Power: 10kW, Peak: 12kW (30s)
- Warranty: 12 years
- Modular stack design, easy plug & play installation
- Real-time monitoring, remote firmware updates & maintenance
- Safe cobalt-free LiFePO4, >6000 cycles @80% DOD (25°C)
- Independent BMS per module
- Compatible with 15+ popular inverter models
- Scalable up to 8 units (max 40.96kWh)





Battery Module	NXS-48							
Number of Modules	1	2	3	4	5	6	7	8
Energy Capacity	5.12kwh	10.24kwh	15.36kwh	20.48kwh	25.6kwh	30.72kwh	35.84kwh	40.96kwh
Usable Capacity	4.91kwh	9.83kwh	14.75kwh	19.66kwh	24.58kwh	29.49kwh	34.41kwh	39.32kwh
Max. output power	5KW	10KW	10KW	10KW	10KW	10KW	10KW	10KW
Dimension (W*D*H)(mm)	600*350*380	600*350*560	600*350*740	600*350*920	600*350*1200	600*350*1100	600*350*1280	600×350×920// 600×350×800
Weight(kg)	62	112	162	212	262	312	362	412

* Variations in dimensions and weights may occur due to production batches.

Cycle Life	6000 cycles @ 80% DOD, 25 °C							
Maximum Charge Current	50A	75A	100A	125A	150A	175A	200A	200A
Maximum Discharge Current	100A	200A	200A	200A	200A	200A	200A	200A

GENERAL

Battery Type	Cobalt Free Lithium Iron Phosphate (LFP)
Nominal Voltage	51.2V
Operating voltage Range	44.8~56.8V
Install location	Indoor or outdoor without sunlight exposure
Installation Mode	Floor installation, Stackable
Operation Temperature	Battery discharge: -20~60°C, battery charge: 0~ 50°C

FEATURES

BMS Monitoring Parameters	SOC, System voltage, current, cell voltage, cell temperature, PCBA temperature measurement ,SOH
Communication Port	CAN/RS485/BLE
Warranty	12 years (standard warranty) (25 °C)