

STACKED LITHIUM ENERGY STORAGE BATTERY

SPECIALIZED FOR SOLAR PV POWER SYSTEM

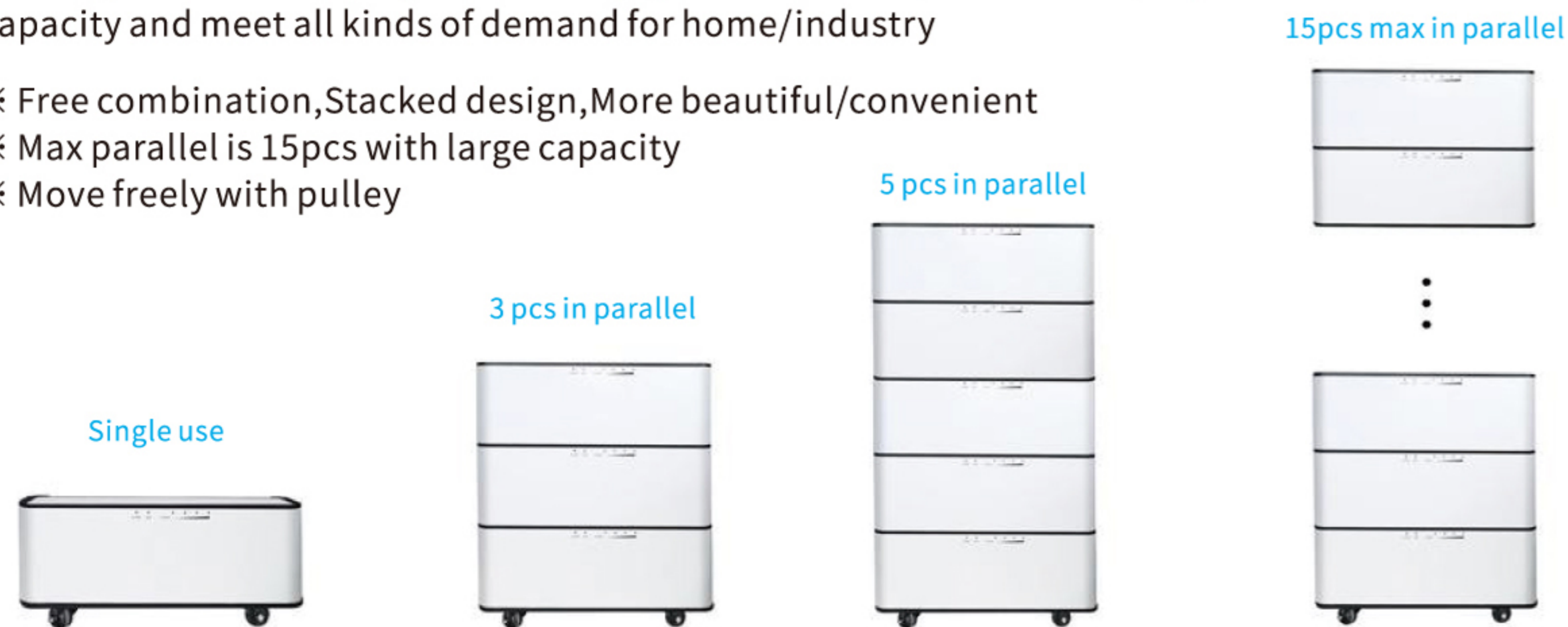
RGBM SERIES



Product introduction:

The SBM stacked lithium energy storage battery use long working life LiFePO4 cell, high performance BMS to protect and manage the battery system. The max parallel is 15pcs, free combination for the capacity and meet all kinds of demand for home/industry

- ※ Free combination, Stacked design, More beautiful/convenient
- ※ Max parallel is 15pcs with large capacity
- ※ Move freely with pulley



Inverter Products Specification:

Rated Power	5000W
INPUT	
Voltage	230VAC
Selectable Voltage Range	170-280VAC(For personal computers);90-280VAC(For home appliances)
Frequency Range	50Hz/60Hz(Auto sensing)
OUTPUT	
AC Voltage Regulation(Battery.Mode)	230VAC±5%
Surge Power	11000VA
Efficiency(Peak)	Up to 93.5%
Transfer Time	10ms (For personal computers);20ms(For home appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
Overcharge Protection	63VDC
Solar Charger & AC charger	
Maximum PV Array Open Circuit Voltage	500VDC
Maximum PV Array Power	5500W
MPPT Range @ Operating Voltage	120-450VDC
Maximum Solar Charger Current	80A
Maximum AC Charger Current	60A
Maximum Charger Current	80A
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

Battery Products Specification:

Model	RGBM-5.12KWH	RGBM-10.24KWH	RGBM-15.36KWH	RGBM-20.48KWH	RGBM-25.6KWH
Single module capacity	5.12KWH				
Module number	1PCS	2PCS	3PCS	4PCS	5PCS
Total capacity	5.12KWH	10.24KWH	15.36KWH	20.48KWH	25.6KWH
Standard voltage	51.2V				
Working voltage	43.2V-57.6V				
Standard discharge current	100A	200A	300A	400A	500A
Standard charge current	50A	100A	150A	200A	250A
Suggested DOD	80%				
Humidity	20%-60%				
Installation	Stacked				
IP rating	IP20				
Communication	CAN/RS485/RS232(WiFi/bluetooth/4G optional)				
Product size/unit	620*550*480mm	620*550*760mm	620*550*1040mm	620*550*1320mm	620*550*1600mm
N.W./unit	50kg	80kg	120kg	150kg	190kg

