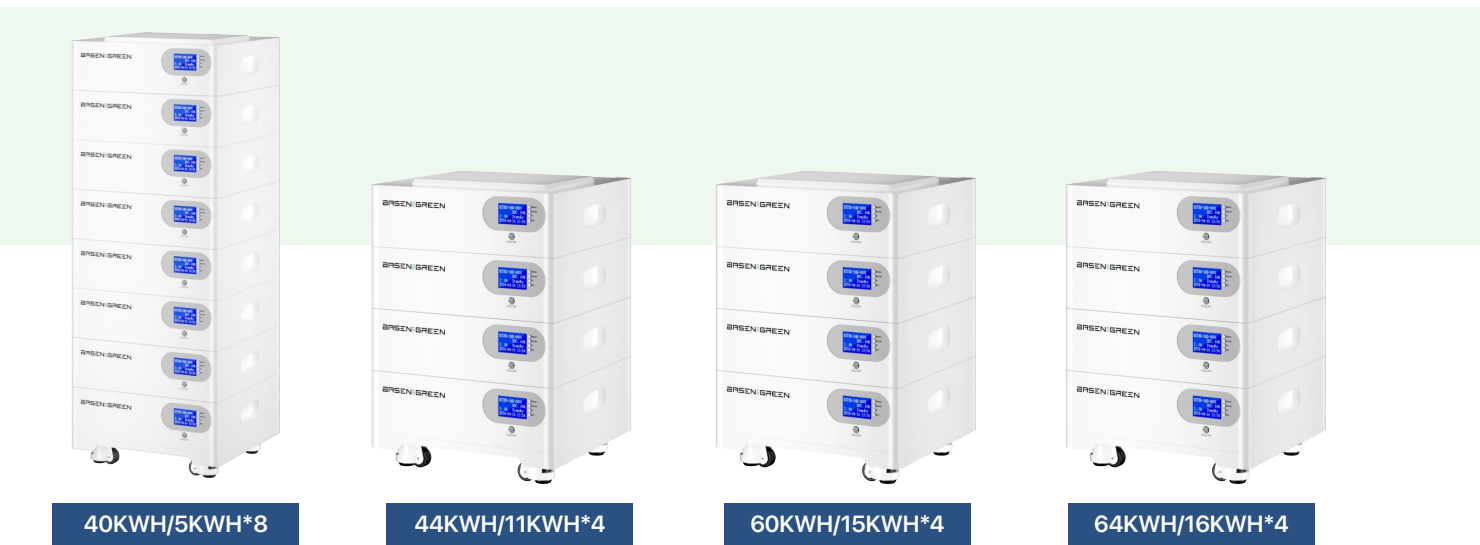


51.2V Stack LiFePO4 Series

- BR-BOX-5KWH
- BR-BOX-11KWH
- BR-BOX-15KWH
- BR-BOX-16KWH



PRODUCT FEATURES



Advanced LiFePO4 Technology
Lithium iron phosphate(LFP) Battery, longer cycle life, stable performance



Advanced Protection
BasenGreen Smart BMS & Protective Circuit Breaker Reliable protection against electric fault



Multi-language Support
Touch screen, easy to operate, supports multiple languages



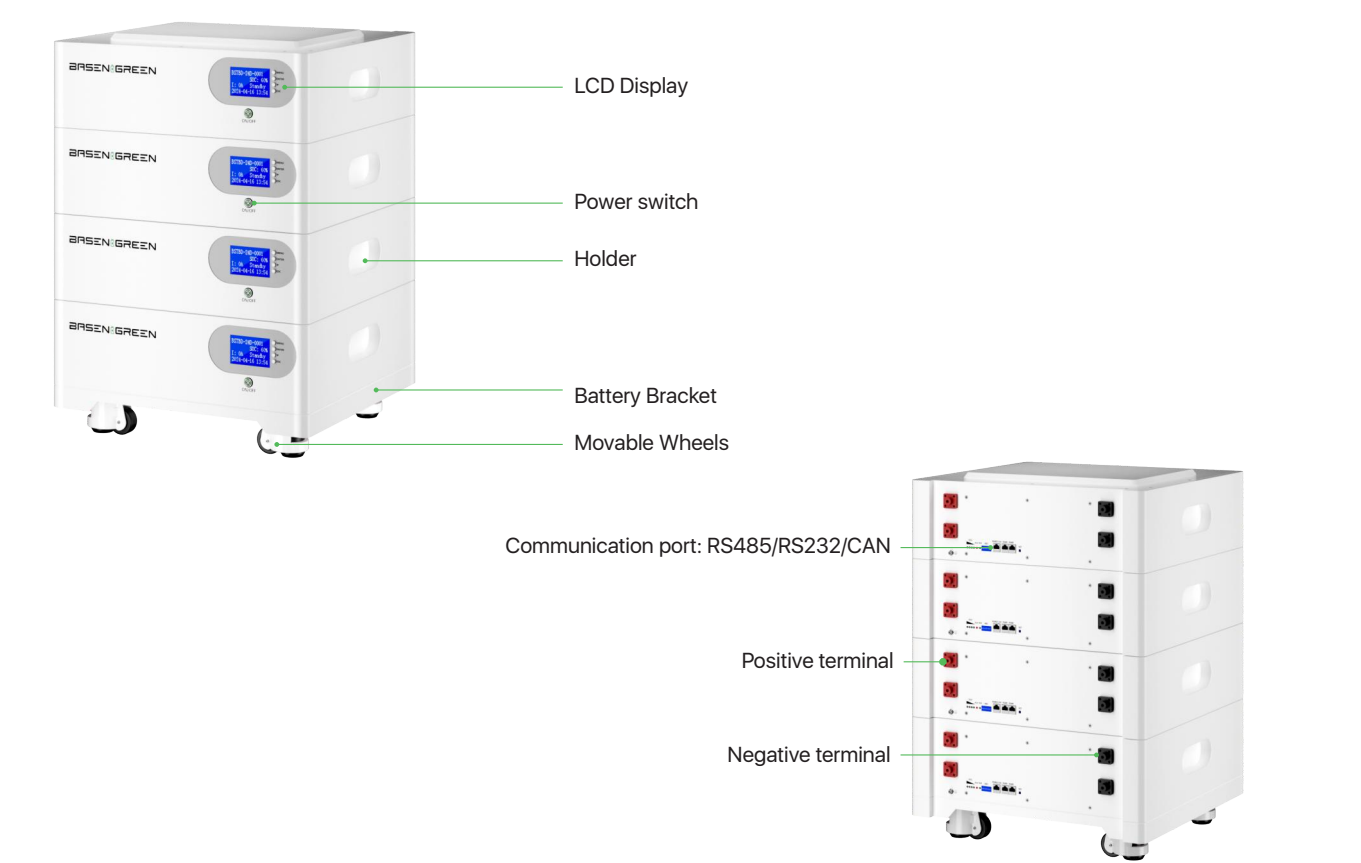
Reliable Power
Up to 15 years service life



Flexible Configuration
Support up to 16 units in parallel



APP Monitoring
Real-time monitor from Bluetooth & Wi-Fi



Model	BR-BOX-5KWH	BR-BOX-11KWH	BR-BOX-15KWH	BR-BOX-16KWH
Battery Chemistry	Lithium iron phosphate(LiFePO4)			
Rated Voltage(V)	51.2			
Operating Voltage Range(V)	43.2-57.6			
Charge/Discharge Cut-off Voltage(V)	58.4/43.2			
Capacity(Ah)	100	230	300	314
Energy(Wh)	5120	11770	15360	16076
Cycle Life	6000 Cycles (@80% DoD, 25°C/0.5C)	6000 Cycles (@80% DoD, 25°C/0.5C)	8000 Cycles (@80% DoD, 25°C/0.5C)	8000 Cycles (@80% DoD, 25°C/0.5C)
Max. CHG/DSCHG Current(A)	100	200	200	200
Max. Battery Module Qty In Stack(Units)	8	4	4	4
Dimension(L*W*H,mm)	530*500*170	650*600*250	680*600*250	680*600*250
Weight Approximate(kg)	51	96	119	120
Communication Port	RS485, CAN, RS232			
Parallet Connection	Up to 16 units in parallel			
Protection Level	IP55			
Charge Temperature Range	0°C~60°C			
Discharge Temperature Range	-20°C~60°C(Under 0°C work with reduced capacity)			
Storage Temperature Range	-40°C~55°C @ 60±25% relative humidity			
Inverter Compatibility	DEYE, Victron, Growatt, Solis, Sofar, Goodwe, etc			
Optional Feature	Heating, Cooling Fan, Active Balancer, Touch Screen, Fire Protection			
Warranty	10 Years (warranty or cycle life, whichever comes first)			