

COMMERCIAL ENERGY STORAGE SYSTEM



PRODUCT FEATURES



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



Intelligent BMS System
Comprehensive BMS with
sophisticated monitoring and protection



Plug & Play
Easy Installation
and Simple Configuration



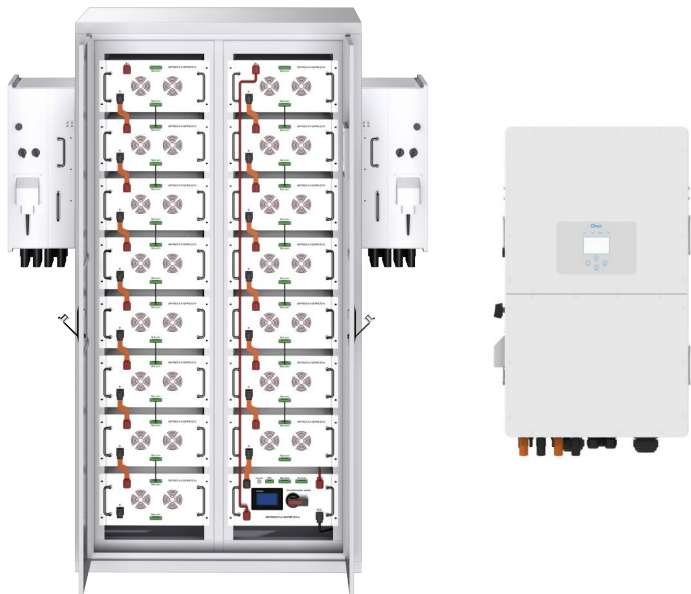
Higher Voltage Architecture
Enables longer string
and reduced balance-of-system costs



Longer life cycles
Flexibility modular design From 57kWh to 240kWh
in each battery cabinet, higher usable energy ratio



Customize Options
Outdoor cabinets, IP67 waterproof



- Customized Options
1. Detachable Rack
 2. Indoor Cabinet IP21
 3. Outdoor Cabinet IP65

Battery Cell						
Rated Voltage	3.2V			3.2V		
Nominal Capacity	280Ah			314Ah		
Battery Pack						
Combination	1P16S			1P16S		
Rated Voltage	51.2V			51.2V		
Nominal Capacity	280Ah			314Ah		
Weight	140KGS			140KGS		
Battery System						
Model	BR-G-57K	BR-G-100K	BR-G-215K	BR-G-64K	BR-G-112K	BR-G-240K
Rated Voltage	204.8V	358.4V	768V	204.8V	358.4V	768V
Rated Capacity	280Ah	280Ah	280Ah	314Ah	314Ah	314Ah
Rated Energy	57344Wh	100352Wh	215040Wh	64307Wh	112537Wh	241152Wh
Dimensions (L*W*H)	1000*680*1600mm	1000*680*2400mm	1000*1250*2400mm	1000*680*1600mm	1000*680*2400mm	1000*1250*2400mm
Combination	1P64S	1P112S	1P240S	1P64S	1P112S	1P240S
Communication mode	CAN	CAN	CAN	CAN	CAN	CAN
Weight	585KGS	995KGS	2000KGS	600KGS	1015KGS	2050KGS
Cycle Life	≥8000 @ 25℃	≥8000 @ 25℃	≥8000 @ 25℃	≥8000 @ 25℃	≥8000 @ 25℃	≥8000 @ 25℃
Discharge Working Temperature Range	20~55℃	20~55℃	20~55℃	20~55℃	20~55℃	20~55℃
Charging Working Temperature Range	0℃~45℃	0℃~45℃	0℃~45℃	0℃~45℃	0℃~45℃	0℃~45℃
Operating voltage range	179~230V	313~403V	672~864V	179~230V	313~403V	672~864V
Cooling	Air Cooling	Air Cooling	Air Cooling	Air Cooling	Air Cooling	Air Cooling
Max Efficiency	≥95%	≥95%	≥95%	≥95%	≥95%	≥95%
Rated Current	100A	100A	100A	100A	100A	100A
Optional Inverter Model	SUN-29.9/30/35K-SG01HP3-EU-BM3 SUN-40/50K-SG01HP3-EU-BM4 SUN-60/70/75/80K-SG02HP3-EU-EM6					
Max. No. of inverters supported in parallel	2					