



RICH SOLAR



✓ Long life and safety

Vertical industry integration ensures more than 7500 cycles with 80% DoD.

Safe Lithium iron phosphate battery cell.

✓ Intelligent

Each battery with independent BMS system manages power output smartly and effectively.

✓ Modularization

Modular design gives the end customers the power of choice of capacity Deliver up to 163KW with single max module (10.24KWh) at 16pcs parallel connection.

✓ Easy to install and use

Just plug and play to minimize the installation time and cost. Compact and fashionable design fits in your sweet home environment.

✓ Compatibility

Compatible with most of the available Hybrid inverters.

✓ Safety Cert

UL1642, IEC62619, CE, UN38.3, MSDS.

Battery Specifications

Model No	CBG-EOS51.2-5B-G	CBG-EOS51.2-10B-G
Nominal Parameters		
Voltage	51.2V	51.2V
Capacity	100Ah	200Ah
Energy	5.12KwH	10.24KwH
Dimensions (L x W x H)	720x550x200mm	720x550x200mm
Weight	60.5kg	102.5kg
Basic Parameters		
Life time(25°C)	15 years	
Life cycles(80% DOD, 25°C)	7500Cycles	
Storage time / temperature	5 months @ 25°C; 3 months @ 35°C; 1 month @ 45°C	
Operation temperature	-20°C to 60°C @60+/-25% Relative Humidity	
Storage temperature	0°C to 45°C @60+/-25% Relative Humidity	
Lithium Battery Standard	UL1642,IEC62619,UN38.3,ROHS,CE-EMC	
Enclosure protection rating	IP21	
Electrical Parameters		
Operation voltage	46-56 Vdc	46-56 Vdc
Max.charging voltage	56 Vdc	56 Vdc
Max.charging and discharging current	100A	150A
Max Power	5120W	10240W

