



RICH SOLAR



✔ Long life and safety

Vertical industry integration ensures more than 6000 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 7.68KW with single max module (107.52KWh) at 14pcs 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-EOS25.6-2.56B	CBG-EOS25.6-5.12B	CBG-EOS25.6-7.68B
Nominal Parameters			
Voltage	25.6V	25.6V	25.6V
Capacity	100Ah	200Ah	300Ah
Energy	2.56KwH	5.12KwH	7.68KwH
Dimensions (L x W x H)	635x485x222mm	635x485x222mm	635x485x222mm
Weight	32.5kg	58.5kg	78.5kg
Basic Parameters			
Life time(25°C)	10 years		
Life cycles(80% DOD, 25°C)	6000Cycles		
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	20-29.2 Vdc	20-29.2 Vdc	20-29.2 Vdc
Max.charging voltage	29.2 Vdc	29.2 Vdc	29.2 Vdc
Max.charging and discharging current	100A	100A	100A
Max Power	2560W	5120W	7680W

