Stackable Energy Storage Batteries

Compatibility

Tier 1 Inverter Compatibility

Safety

Multi-protection from self developed BMS

Easy to Scale Up

Be workable to be parallel based on 48V

Efficient Power Cost

Long cycle life and superior performance

GYCX SOLAR

HZEB-LCT-5

Stackable Energy Storage Batteries

PERFORMANCE SPECIFICATIONS					
Model	HZEB-LCT-5/1P	HZEB-LCT-5/2P	HZEB-LCT-5/3P	HZEB-LCT-5/4P	HZEB-LCT-5/5P
Nominal Voltage	51.2V				
Sell model/Configuration	3.2V100Ah/16S1P				
Capacity(Ah)	100Ah				
Rated Energy(kWh)	5.12kWh	10.24kWh	15.36kWh	20.48kWh	25.6kWh
Max.Charge/Discharge Current(A)	50A/50A	100A/100A	150A/150A	200A/200A	250A/250A
Voltage Range(Vdc)	44.8~57.6V				
Scalability	Up to 15 parallel				
Communication	RS232-PC,RS485(B)-BAT RS485(A)				
Cycle Life	≥6000Cycles@25℃, 80%DOD				
Warranty Life	5 Years (Cycle Life≥15Years(25℃))				
MECHANICAL SPECIFICATIONS					
Weight(Net/Gross)(KG)	78/95kg	136/157kg	194/212kg	252/269kg	310/330kg
Dimension(W/D/H)(mm)	710*410*210	710*410*430	710*410*640	710*410*850	710*410*1060
Installation Mode	On the ground				
IP Grade	IP40 Standard/IP54 For Customization				
SECURITY AND CERTIFICATION					
Safety(Pack)	UN38.3,MSDS,IEC62619(CB),CE-EMC				
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054				
Protection	BMS,Breaker				
ENVIRONMENTAL SPECIFICATIONS					
Operating Temperature(℃)	Charge 0℃~50℃; Discharge -10℃~-50℃				
Altitude(m)	≤2000				
Humidity	≤95% (Non-condensing)				

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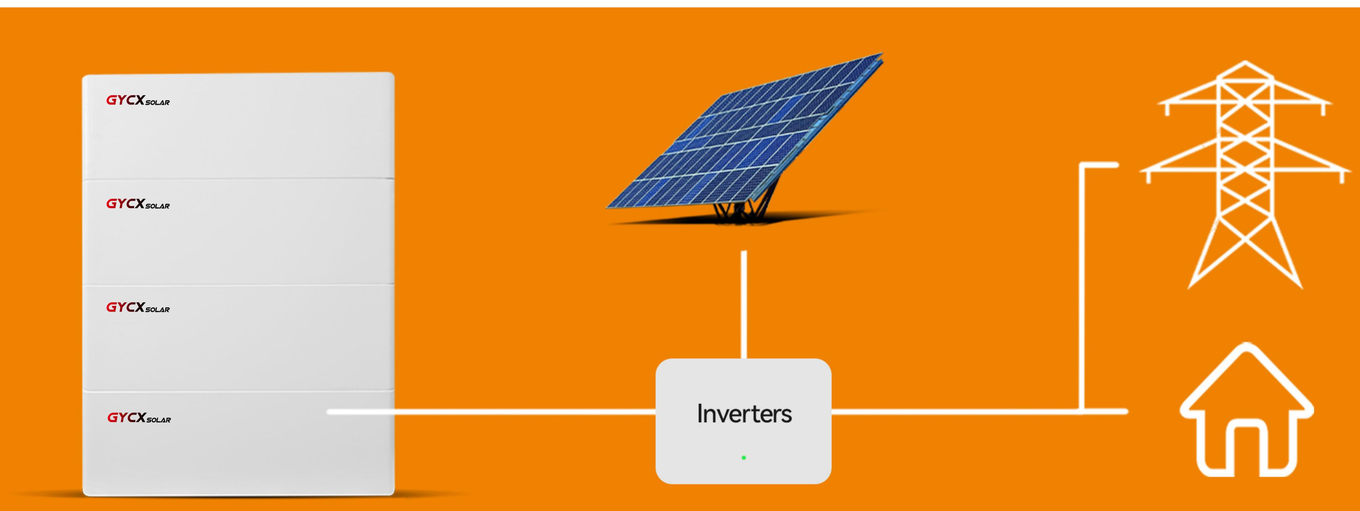

- High-security technology ensures stable and excellent performance
- Compatible with multiple inverters including Sungrow DEYE GOODWE Solis Growatt Voltronic
- It provides highly efficient energy solutions for household scenarios and small commercial scenarios