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-10-ESS

Stackable Energy Storage Batteries

PERFORMANCE SPECIFICATIONS					
Model	HZEB-LCT-10ESS/1p	HZEB-LCT-10ESS/2p	HZEB-LCT-10ESS/3p	HZEB-LCT-10ESS/4p	HZEB-LCT-10ESS/5p
Nominal Voltage	51.2V				
Sell model/Configuration	3.2V206Ah/16S1P				
Capacity(Ah)	206Ah				
Rated Energy(kWh)	10.55kWh	21.1kWh	31.65kWh	42.2kWh	52.75kWh
Max.Charge/Discharge Current(A)	100A				
Voltage Range(Vdc)	44.8~57.6V				
Scalability	Up to 6 parallel				
Communication	RS232-PC,RS485(B)-BAT RS485(A) - Inverter,Canbus-Inverter				
Cycle Life	≥6000Cycles@25℃，80%DOD				
Warranty Life	10 Years (Cycle Life≥15Years(25℃))				
MECHANICAL SPECIFICATIONS					
Weight(Net/Gross)(KG)	118.8kg	228.8kg	338.8kg	448.8kg	558.8kg
Dimension(W/D/H)(mm)	750*450*260	750*450*520	750*450*780	750*450*1040	750*450*1300
Installation Mode	Stackable				
IP Grade	IP54				
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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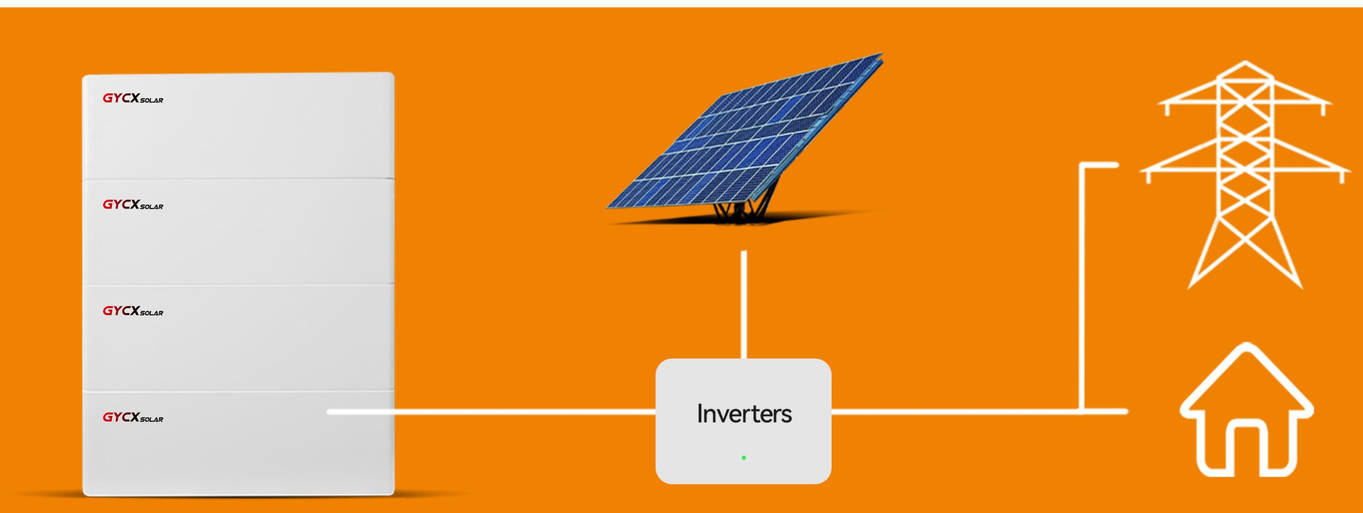

- High-security technology ensures stable and excellent performance
- Compatible with multiple inverters including Sungrow DEYE GOODWE Solis Growatt Voltronic
- It provides highly efficient energy solutions for household scenarios and small commercial scenarios