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-HCT-5-ESS

Stackable Energy Storage Batteries

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

PERFORMANCE SPECIFICATIONS					
Model	HZEB-HCT-5ESS/2s	HZEB-HCT-5ESS/3s	HZEB-HCT-5ESS/4s	HZEB-HCT-5ESS/5s	HZEB-HCT-5ESS/6s
Nominal Voltage	102.4V dc	153.6V dc	204.8V dc	256V.dc	307.2V dc
Sell model/Configuration	3.2V100Ah/16S1P				
Capacity(Ah)	100Ah				
Rated Energy(kWh)	10.24kWh	15.36kWh	20.48kWh	25.60kWh	30.72kWh
Max.Charge/Discharge Current(A)	50A				
Voltage Range(Vdc)	89.6~115.2V dc	134.4~172.8V dc	179.2~230.4V dc	224~288V dc	268.8~345.6V dc
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)	99kg	146kg	192kg	238kg	284kg
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	IP44				
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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