



Wall – Mounted

Data Sheet Residential BESS

Intelligent

Adjustable parameter settings
LED indication of product status

Safety

Short-circuit protection
Adjustable overcurrent protection

Flexible Configuration

multiple batteries can be
connected in parallel to expand capacity

Self-cooling Mode

both noise and power consumption
of the system itself are reduced significantly

MODULE INTRODUCTION

PERFORMANCE SPECIFICATIONS		
Model	HZEB-LCT-2.5	HZEB-LCT-5-24
Cell type	LiFePO4	LiFePO4
Rated power	2560Wh	5248Wh
Rated capacity	100Ah	205Ah
Rated voltage	25.6V	25.6V
Working voltage	22.4~28.8V	22.4~28.8V
Charge–discharge rate	0.5C/1C	0.5C
Standard charge–discharge current	50A	100A
Maximum charge–discharge current	100A	100A
Dimensions	520*350*150	535*360*240
Weight	32kg	54kg
Protection level	IP20	IP20
Charge temperature range	0~55℃	0~55℃
Discharge temperature range	-10~55℃	-10~55℃
Cycle life	≥6,000 times, 25±2℃,100%DOD, 0.5C, 80%SOH	
Communication mode	CAN/RS485	
Expandability	Up to 15 modules can be connected in parallel	
Protection	Short circuit protection, overcharge protection, discharge protection, overcurrent protection, over temperature protection	
Certification	MSDS/UN38.3	
Compatible inverter	Growatt/Deye/Schneider/GoodWe/MEGAREVO, etc.	

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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