



Wall – Mounted

Datasheet Residential BESS

Intelligent

Bluetooth and Wifi

Safety

Multi-protection from self developed BMS

Easy to Scale Up

Be workable to be parallel based on 51.2V

Efficient Power Cost

Long cycle life and superior performance

PERFORMANCE SPECIFICATIONS(Cell)	
Cell Model	CB75
Parameter Lifepo	LFP 3.2V/314Ah
Certification	UL1973A UL9540A
PERFORMANCE SPECIFICATIONS(Pack)	
Model	HZEB - LCT - 16
Nominal Voltage	51.2V
Cell model/Configuration	3.2V314Ah/16S1P
Capacity(Ah)	314Ah
Rated Energy(kWh)	16.08kWh
Max.Charge/Discharge Current(A)	150A
Voltage Range(V)	44.8~57.6V
Scalability	Up to 15 parallel
Communication	CAN/RS485
Cycle Life	≥8000Cycles@25°C, 80%DOD
Design Life	≥15Years(25°C)
MECHANICAL SPECIFICATIONS	
Weight(kg)	128kg
Dimension(L/D/H)(mm)	460*288*800mm
Installation Mode	Wall Mounnted
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
ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature(°C)	Charge 0°C~50°C; Discharge -10°C~50°C
Altitude(m)	≤2000m
Humidity	≤95% (Non-condensing)

Text and images correspond to the current state of technology at the time of printing, subject to modifications.All information is without guarantee in spite of careful editing--liability excluded



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