Wall - Mounted

Data Sheet Residential BESS

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

MODULE INTRODUCTION

PERFORMANCE SPECIFICATIONS			
Model	HZEB - LCT - 5	HZEB - LCT - 10	HZEB - LCT - 15
Nominal Voltage	51.2V	51.2V	51.2V
Sell model/Configuration	3.2V100Ah/16S1P	3.2V206Ah/16S1P	3.2V280Ah/16S1P
Capacity(Ah)	100Ah	206Ah	280Ah
Rated Energy(kWh)	5.12kWh	10.55kWh	14.34kWh
Max.Charge/Discharge Current(A)	50A/50A	100A/100A	100A/100A
Voltage Range(Vdc)	44.8~57.6V		
Scalability	Up to 6 parallel		
Communication	RS232-PC,RS485(B)-BAT RS485(A)		
Cycle Life	≥6000Cycles@25℃, 80%DOD		
Design Life	≥15Years(25℃)		
MECHANICAL SPECIFICATIONS			
Weight(Net/Gross)(KG)	58.2/65kg	96.05/102kg	122/135kg
Dimension(W/D/H)(mm)	645*440*193	620*461*284	765*461*284
Installation Mode	Wall Mounnted		
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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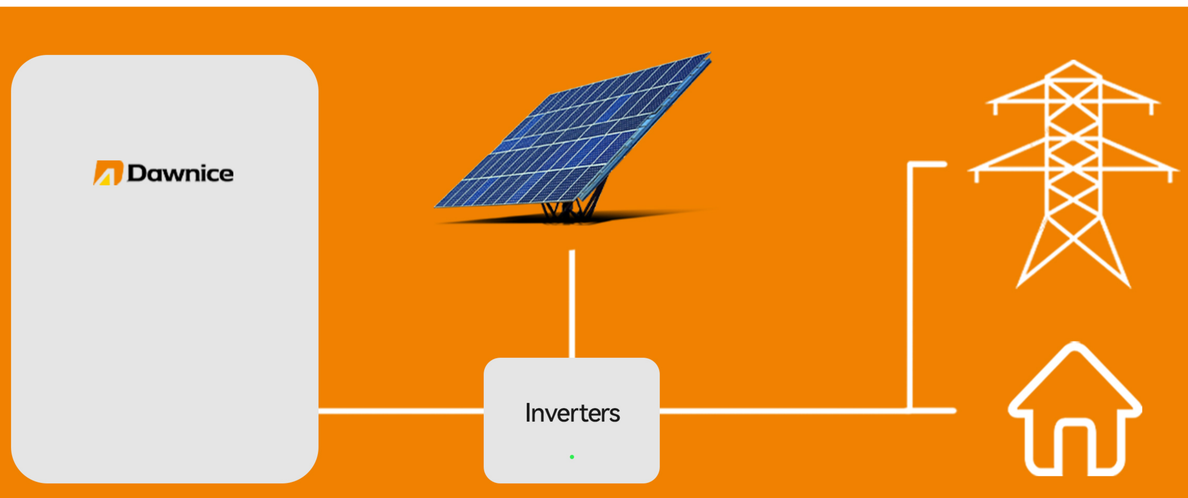

- High-security technology ensures stable and excellent performance
- Compatible with multiple inverters including Sungrow DEYE GOODWE Solis Growatt Voltronic
- It provides highly efficient energy solutions for household scenarios and small commercial scenarios