

# Rack Mounted Energy Storage Battery

## Compatibility

Tier 1 Inverter Compatibility

## Safety

Multi-protection from self developed BMS

## Easy to Scale Up

Be workable to be parallel based on 51.2V

## Efficient Power Cost

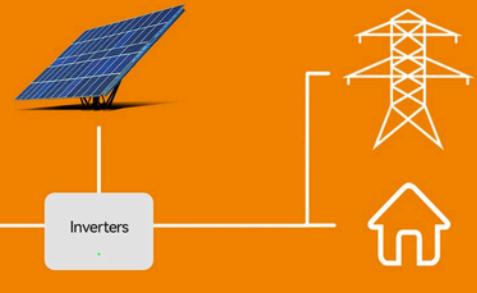
Long cycle life and superior performance



## MODULE INTRODUCTION

PERFORMANCE SPECIFICATIONS						
Model	HZEB-HCT-5/5S	HZEB-HCT-5/6S	HZEB-HCT-5/7S	HZEB-HCT-5/8S	HZEB-HCT-5/9S	HZEB-HCT-5/10S
Nominal Voltage	256V	307.2V	358.4V	409.6V	460.8V	512V
Cell model/Configuration	3.2V100Ah/16S1P					
Capacity(Ah) Cell	100Ah					
Rated Energy(kWh)	25.60kWh	30.72kWh	35.84kWh	40.96kWh	46.08kWh	51.2kWh
Max.Charge/Discharge Current(A)	50A/100A(For customization)					
Voltage Range(V)	224~288V	268.8~345.6V	313.6~403.2V	358.4~460.8V	403.2~518.4V	448~576V
Scalability	10 parallel(For customization)					
Communication	Modbus RTU					
Cycle Life	≥6000Cycles@25°C, 80%DOD					
Design Life	≥15Years(25°C)					
MECHANICAL SPECIFICATIONS						
Weight(kg)	360kg	426kg	492kg	551kg	614kg	673kg
Dimension(L/W/H)(mm)	1012*623*708mm	1012*623*885mm	1012*623*885mm	1012*623*1062mm	1012*623*1062mm	1012*623*1245mm
Installation Mode	On the ground					
IP Grade	IP20					
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(°C)	Charge 0°C~50°C; Discharge -10°C~50°C					
Altitude(m)	≤2000m					
Humidity	≤90% (Non-condensing)					

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- 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