



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

SPECIFICATIONS				
Model (High voltage)	HZEB-HCT-86/6S	HZEB-HCT-100/7S	HZEB-HCT-143/10S	HZEB-HCT-200/14S
Nominal Voltage(V)	307.2V	358.4V	512.0V	716.8V
Cell mode/Configuration	3.2V280Ah/16S1P			
Capacity(Ah) Cell	280Ah			
Rated Energy(kWh)	86.02kWh	100.35kWh	143.36kWh	200.70kWh
Max.Charge/Discharge Current(A)	140A			
Voltage Range(Vdc)	268.8-345.6V	313.6-403.2V	448-576V	627.2-806.4V
Communication	Modbus RTU			
Cycle Life	≥6000Cycles@25°C,80%DOD			
Design Life	≥15 Years(Cycle Life≥15Years (25°C))			
MECHANICAL SPECIFICATIONS				
Weight(kg)	790kg	912kg	1275kg	1748kg
Dimension(L/W/H)(mm)	1035*811*1200mm	1035*811*1200mm	1035*811*1643mm	1035*811*2137mm
IP Grade	IP20			
SECURITY AND CERTIFICATIONS				
Safety(Pack)	UN38.3,MSDS,IEC62619(CB),CE-EMC			
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL2054			
Protection	Short- circuit protection/overcurrent protection/over-temperature protection			
ENVIRONMENTAL SPECIFICATIONS				
Operating Temperature(°C)	Charge 0°C~50°C; Discharge -10°C~ 50°C			
Working Altitude(m)	≤2000m			
Humidity	≤90% (Non-condensing)			
Warranty	10 years			

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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