



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

PERFORMANCE SPECIFICATIONS			
Model	HZEB - HCT - 5	HZEB - HCT - 10	HZEB - HCT - 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	10.50kWh	14.34kWh
Max.Charge/Discharge Current(A)	50A/100A(For customiztion)	100A	100A/150A(For customiztion)
Voltage Range(Vdc)	44.8~57.6V		
Scalability	6 parallel(For customiztion)		
Communication	CAN/RS485		
Cycle Life	≥6000Cycles@25°C, 80%DOD		
Design Life	≥15Years(25°C)		
MECHANICAL SPECIFICATIONS			
Weight(kg)	56kg	94kg	115kg
Dimension(L/W/H)(mm)	381*650*178mm	432*650*267mm	432*795*267mm
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