



# Ground-mounted energy storage battery

Datasheet 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 51.2V

## Efficient Power Cost

Long cycle life and superior performance

## HZEB-LCT-20

PERFORMANCE SPECIFICATIONS	
Model	HZEB-LCT-20
Nominal Voltage	51.2V
Sell model/Configuration	3.2V 205Ah /16S2P
Capacity(Ah)	410Ah
Rated Energy(kWh)	20.992kWh
Max.Charge/Discharge Current(A)	200A/200A
Voltage Range(Vdc)	44.8~57.6V
Scalability	Up to 15 parallel
Communication	CAN/RS485
Cycle Life	≥6000Cycles@25°C, 80%DOD
Warranty Life	10 Years (Cycle Life≥15Years(25°C))
MECHANICAL SPECIFICATIONS	
Weight(kg)	180kg
Dimension(L/W/H)(mm)	650*265*965mm
Installation Mode	On the ground
IP Grade	IP21
SECURITY AND CERTIFICATION	
Safety(Pack)	UN38.3,MSDS,IEC62619(CB),CE-EMC
Safety(Cell)	UN38.3,MSDS,IEC62619,CE,UL1973,UL9540
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