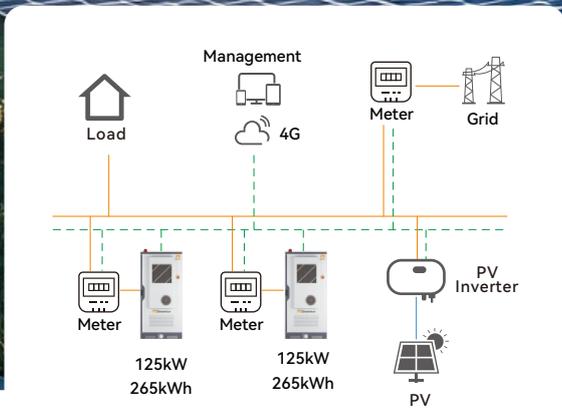


All-in-One C&I Energy Storage System

125kW/265kWh



Features



Improve energy density

314Ah high-capacity cells with industry-leading energy density CTP (Cell-to-Pack) technology improve energy density



Multi-Layer Safety Protection

Dual fire suppression: cluster-level aerosol + cabin-level water mist enhanced cell monitoring for precise cutoff



Foolproof & Efficient Maintenance

Error-proof busbar design cuts installation time
Advanced balancing algorithm extends battery lifespan



Flexible & Space-Saving Deployment

Front-in/rear-out thermal design enables zero-gap side-by-side & back-to-back installation optimized airflow maintains stability in high-density layouts



Intelligent Temperature Control

PCS waste heat recovery reduces auxiliary cooling energy



Smart Monitoring System

Real-time voltage/temperature tracking for proactive safety management

Model	HZEB-HCT-125CS/265
Battery Parameters	
Battery Type	LiFePO4
Configuration	1P264S
Rated Battery Voltage	844.8V DC
Battery Voltage Range	739.2~950.4V DC
Rated Battery Energy	265.267kWh
Max Charge/Discharge Rate	0.5C
Cycle Life	8000 times (@25°C,0.5C,90%DOD,70%EOL)
AC (On Grid)	
Rated Voltage	400V
Rated Voltage Range	±15%
Grid Frequency	50/60Hz
Grid Connection Form	(3W+N+PE) Three-phase four-wire
Rated Power	125kW
Maximum power	138kW
Maximum current	200A
Power Factor	0.99/-1~1
THDi	<2% (rated power)
DC component	<0.5%
Overload capacity	110%
Maximum efficiency	99%
Basic Parameters	
Dimensions (W*D*H)	1095*1520*2395mm
Weight	2800kg
Operating Temperature	-30°C~55°C (>45°C derating)
Relative Humidity	5%~90% (non-condensing)
IP Rating	IP54
Noise	75dB (<1m distance)
Altitude	≤2000m
Cooling Method	Intelligent Air Cooling
Fire protection	Aerosol and water fire protection
Communication method	MODBUS TCP/RTU

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