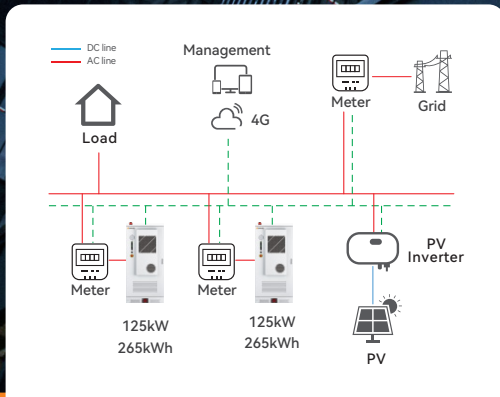


Peak Shaving & Valley Filling All-in-one ESS

Nezha Series BS07-265-ES-X

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	BS07-265-ES-X
Battery Parameters	
Battery Type	LiFePO ₄
Cell Mode/Configuration	3.2V314Ah/1P264S
Rated Battery Voltage	DC 844.8V
Battery Voltage Range	DC 739.2~950.4V
Nominal Energy	265.26kWh
Usable Energy(kWh@90%DOD) ^[1]	238.74kWh
Max Charge/Discharge Current(A) ^[2]	157A
Cycle Life ^[3]	≥8000 Cycles(@25°C,0.5C,90%DOD,70%EOL)
Warranty Period ^[4]	5+5 years
Cumulative Discharge Energy	426.0MWh
AC (On Grid)	
Rated Voltage	400V
Rated Voltage Range	±15%
Grid Frequency	50/60Hz
Grid Connection Form	3W+N+PE
Rated Power	125kW
Max. power	138kW
Max. current ^[4]	200A
Power Factor	0.99/-1~1
THDi	<2%(rated power)
DC Component	<0.5%
Overload Capacity	110%
Max. efficiency	98.5%
Basic Parameters	
Dimension (W*D*H)	1095*1520*2395mm
Weight	2680kg
Operating Temperature Range(°C)	-30°C~55°C(> 45°C derating)
Relative Humidity	5%~90%(non-condensing)
IP Rating	IP54
Anti-corrosion Grade	C4(Optional C5)
Noise	75dB(<1m distance)
Altitude	≤2000m
Cooling Method	Intelligent Air Cooling
Fire Protection	Aerosol and water fire protection
Communication Interface	CAN;RS485
Certifications	UN38.3,MSDS,IEC62619(CB),IEC63056(CB),IEC62040-1(CB),CE-EMC,IEC62477-1,IEC60529

[1] DC usable energy, test conditions: 25°C±2°C, 0.5C charge & discharge, 90% DOD. System usable energy may vary due to system configuration parameters.

[2] The current is affected by temperature and SOC.

[3] Battery cell life standard, using cells that meet the requirements of this standard.

[4] Conditions apply, refer to Dawnice Warranty Agreement.

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