

HNS 261K-125P

C & I STORAGE SYSTEM

Cabinet integrates battery modules,
BMS, PCS, EMS, Fire protection system



Highly Integrated

- Adopts 314Ah high-density cells.
- 20% smaller in volume, 15% higher in capacity.



Efficient and Flexible

- Supports up to 10 units (on-grid).
- Suitable for grid-level peak shaving needs.
- Leading energy density, stable high-power output.



Safe and Reliable

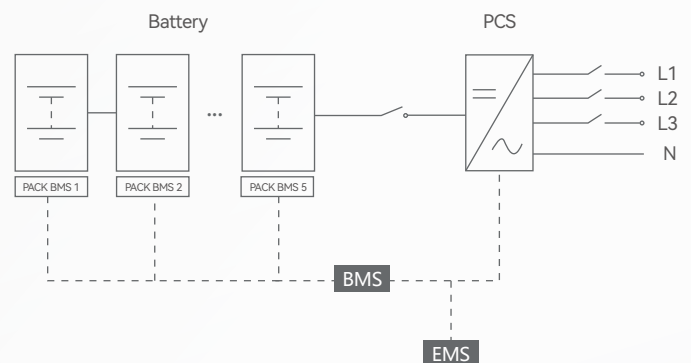
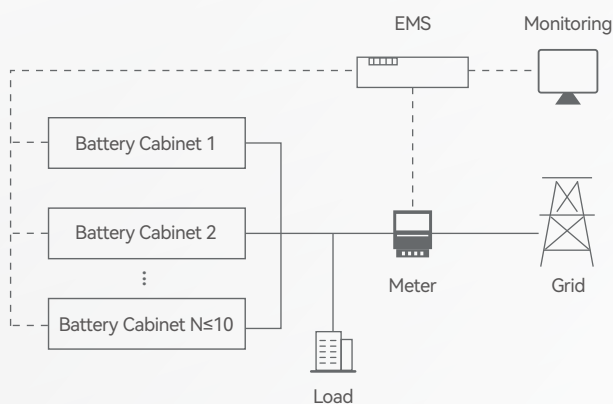
- High efficiency and long cycle life.
- IP 54 protection level design, adaptable to harsh environments
- Supports -20°C~50°C operating temperature range.



Multiple Application Scenarios

- Suitable for industrial parks, data centers, etc.
- Improve the energy utilization of solar system.
- Supports customized modes.

TOPOLOGY STRUCTURE



TECHNICAL PARAMETER

Product Model

HNS 261K-125P

Battery Input

Battery Model	LFP 3.2V/314Ah
Max.charge/discharge Power	0.5C
Configuration of System	1P260S
Number of Packs	5
Nominal Energy	261kWh
Rated Voltage	832V
Nominal Voltage Range	741V - 923V
Cooling Method	Liquid Cooling
Monthly Self-discharge Rate	≤3%

AC Output

Rated AC Power	125kW
Rated Voltage	400Vac
AC Connection	3W+N+PE
Rated Frequency	50/60Hz
THDI	(<) 3%
Cooling Method	Air Cooling
Overload Capacity	1.1times (Long-term Operation) ≤45℃

General Data

Operating Temperature	-20℃ ~ 50℃ (Derating above 45 ℃)
Storage Temperature	-20℃ ~ 50℃ (Short-term); 10℃ ~ 30℃ (Long-term)
Environment Humidity	5% - 95%RH, Without Condensation
Operating Altitude	<2000m
Degree of Protection	IP54
Communication Ports	EMS: RS485, Ethernet/BMS: RS485, CAN, Dry Contact
Dimensions (W*D*H)	1000*1350*2400mm
Weight	2300kg±20kg

PRODUCT CERTIFICATES



UN38.3

CE-LVD

CE-EMC

IEC 62619:2022

SYSTEM WARRANTY

5 YEARS

≥8000 CYCLES

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