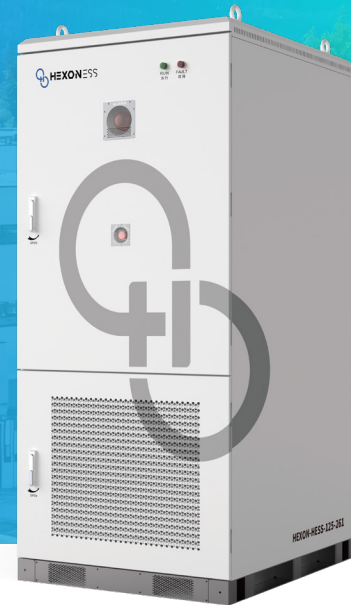


125/261kWh All-in-one C&I Energy Storage System

HESS-125-261



Comprehensive Safety

Proactive Alert Cell-level monitoring, early warning
Multi-Level Protection Pack, cluster, cabin isolation
Fire & Explosion Prevention Triple fire protection, vent design



High Efficiency

High Conversion System efficiency $\geq 87\%$
AI-Powered Scheduling Optimized energy dispatch
Maximized ROI Peak shaving & other revenue streams



Simple O&M

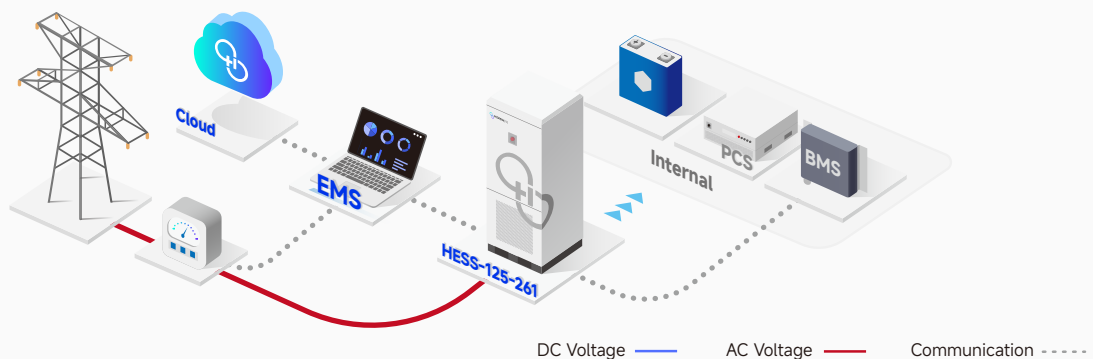
Cloud Diagnosis Fault identification in seconds
Remote Management Cloud-based monitoring & control
24/7 Guardian Expert team always on watch



Easy Deployment

Plug & Play Pre-installed, powered on arrival
Time Saving Drastically reduces installation time
Scalable Design Modular expansion as needed

System schematic diagram



Model	HESS-125-261
DC Side Parameters	
Battery Capacity	261kWh
System Configuration	1P52S
Battery Pack Configuration	52.25kWh
Cell Type	LFP 314Ah
Battery Voltage Range	754~936V
Ip Rating	IP65
AC Side Parameters	
Ac Rated Power	125kW
Total Current Waveform Distortion Rate	≤3% (at rated power)
Dc Component Of Current	≤0.5% (at rated power)
Rated Grid Voltage	400V
Grid Voltage Deviation	-15%~+15%
Ac Overload Capacity	1.1times long-term
Ac Wiring Method	3P+N+PE
Rated Grid Frequency	50Hz/60Hz±2.5Hz
Power Factor	0.99/-1~1
Ac Protection	Circuit breaker + AC lightning protection
System Parameters	
Maximum System Efficiency	≤90%
Battery Cell Cooling Method	Liquid Cooling
Remote Monitoring	Cloud Platform
Noise	≤75dB@1m
Communication Interface	Ethernet、RS485
Communication Protocol	MODBUS-TCP/MODBUS-RTU
Maintenance Method	Double-sided maintenance
Installation Location	Outdoor
Outlet Method	Down in and out
Operating Temperature Range	-30°C~55°C
Maximum Operating Altitude	2000m
Operating Humidity Range	5%~95%RH, no condensation
Corrosion Resistance Level	C3-M(standard)/C4/C5
Protection Level	Battery compartment IP55 + electrical compartment IP54
Fire Protection System	PACK -level aerosol + cabin-level aerosol + water firefighting (optional)
Product Dimensions (W×D×H)	1100×1320×2560mm
Equipment Weight	2600kg
Certifications	GB/T 36276, UN38.3, IEC62619, IEC62477, IEC61000