



L261H C&I Energy Storage System

Hybrid system for PV, grid, diesel and backup power

125kW / 261.2kWh · Hybrid Liquid Cooling

- High-voltage system (832V) ·
- Integrated Deye hybrid inverter +
- EMS + BMS · Liquid cooling

Smarter Energy Management

Challenges

- High peak demand charges
- Limited grid capacity
- Increasing energy costs

Solutions



- Peak shaving & load shifting



- PV + storage integration



- EV charging support

Key Advantages

261.2kWh
Energy Capacity



High Voltage

Improve system efficiency
and reduce energy loss



All-in-One Design

Simplify installation and
reduce integration work



Liquid Cooling

Ensure stable operation and
longer system lifespan



Scalable System

Support future
capacity
expansion

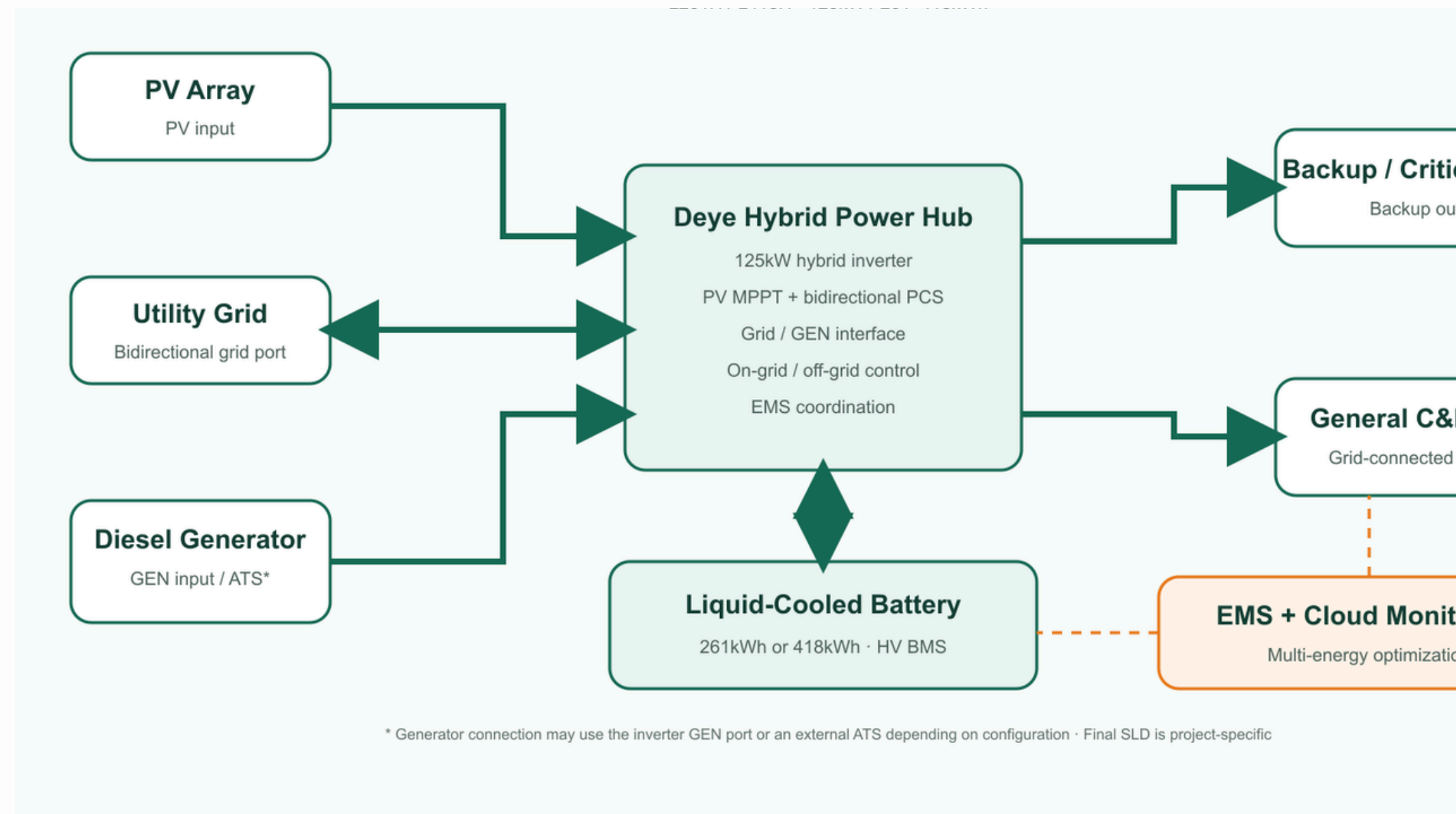
Specifications

Category	Item	Specification
Battery	Battery Type	LFP 314Ah
	Rated Energy	261.248 kWh
	Rated Voltage	832 V
	Voltage Range	650 – 949 V
	Configuration	1P260S
	Cycle Life	≥8,000 cycles (90% DoD)
Performance	System Rated Power	125 kW
	Battery Max Current	200 A
	Module Energy	52.25 kWh × 5
	Cycle Test Conditions	0.5C / 0.5C · 90% DoD

Hybrid Inverter	Rated Power	125 kW
	Inverter Type	Deye 3-phase Hybrid
	Operating Modes	On-grid / Off-grid
	Energy Flow	PV / Battery / Grid / Load
System	Cooling Method	Liquid Cooling
	Communication	CAN / RS485 / Ethernet
	Display	LCD
	Noise	≤65 dB
Environment	Battery Temp (C/D)	0–55°C / –20–55°C
	Battery Warranty	10 years
	Installation	Floor-mounted
	Battery Enclosure	IP55

System Architecture

Pre-integrated 125kW / 261.2kWh hybrid system with inverter, EMS, BMS and liquid cooling



Source-Verified System Topology

PV & AC/DC Coupling

Battery Cabinet & EMS

Grid & Load

Applications & Scalability

Flexible System Configuration

- Single unit
- Parallel expansion
- Large-scale deployment



Get in Touch

Looking for a reliable energy storage solution for your project?
Contact us for technical support, pricing, and project consultation.

Certifications

Battery Cabinet: IEC 62619 · CE

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L261H Hybrid ESS

