



L261-125 C&I Energy Storage System

EPC-ready system for grid-connected C&I projects
125kW / 261kWh · Liquid Cooling

- High-voltage system (832V) ·
- Integrated PCS + 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

261kWh
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 (LiFePO4)
	Rated Energy	261.2 kWh
	Rated Voltage	832 V
	Voltage Range	728 – 936 V
	Configuration	260S1P
	Cycle Life	≥8000 cycles
Performance	Rated Power	125 kW
	Max Current	180 A
	Efficiency	98.60%
	Charge/Discharge Rate	≤0.5C

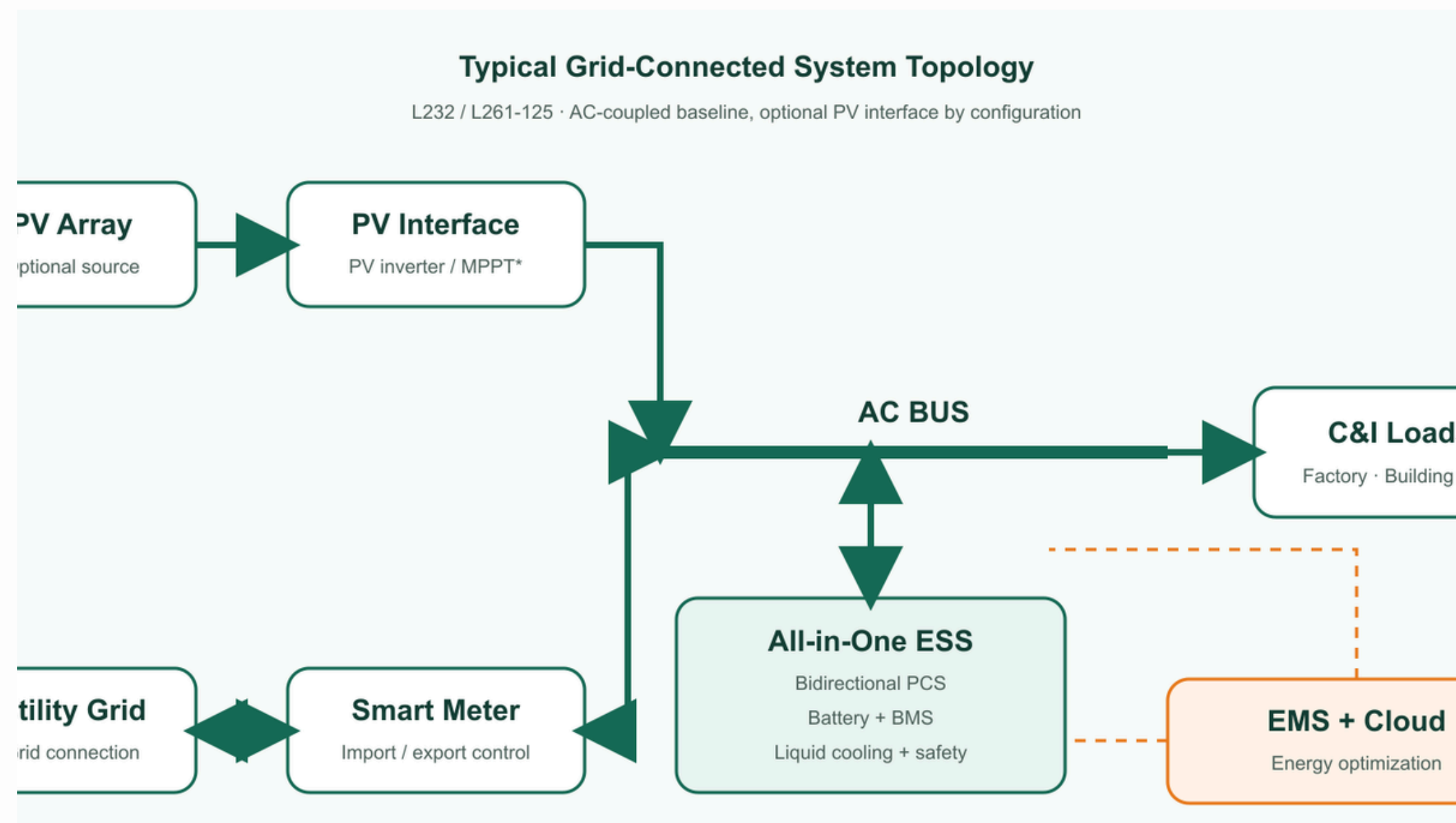
125kW / 261kWh grid-connected configuration

AC Output	Grid Voltage	AC 400V
	Frequency	50 / 60 Hz
	Power Factor	-1 ~ +1
	THDi	≤3%
System	Cooling Method	Liquid Cooling
	Communication	CAN / RS485 / Ethernet
	Display	LCD
	Noise	<75 dB
Environment	Operating Temp	-30°C ~ +60°C
	Humidity	0–95%
	Altitude	≤4000m
	Protection Level	IP54

Grid-connected C&I configuration

System Architecture

Pre-integrated system including PCS, EMS and battery, ready for deployment



Grid & Renewable Integration

System Integration

Energy Storage & Management

Load & Application Scenarios

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

Certification documentation available upon request

Email : sales@novenergy.cn

Phone : +86 13510391283

WhatsApp : +86 13510391283

Web : www.novenergy.cn

L261-125 All-in-One ESS

