



L261 C&I Energy Storage System

125kW / 261kWh · Liquid Cooling

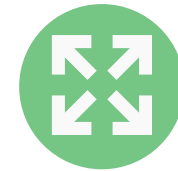
- High-voltage system (832V)
- Integrated PCS + EMS + BMS
- Liquid cooling for longer lifespan

Smarter Energy Management

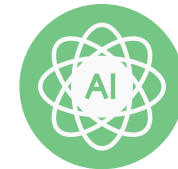
Challenges

- High electricity costs during peak hours
- Limited grid capacity and expansion constraints
- Difficulty integrating renewable energy

Solutions



- Reduce energy costs through peak shaving and load shifting



- Enable flexible capacity expansion without grid upgrades



- Seamlessly integrate solar and energy storage systems

Key Advantages

261kWh
Energy Capacity



High Voltage

832V high-voltage system for improved efficiency and reduced energy loss

All-in-One Design

Integrated PCS, EMS and BMS for simplified deployment

Liquid Cooling

Ensures better thermal management, longer lifespan and enhanced safety

Scalable System

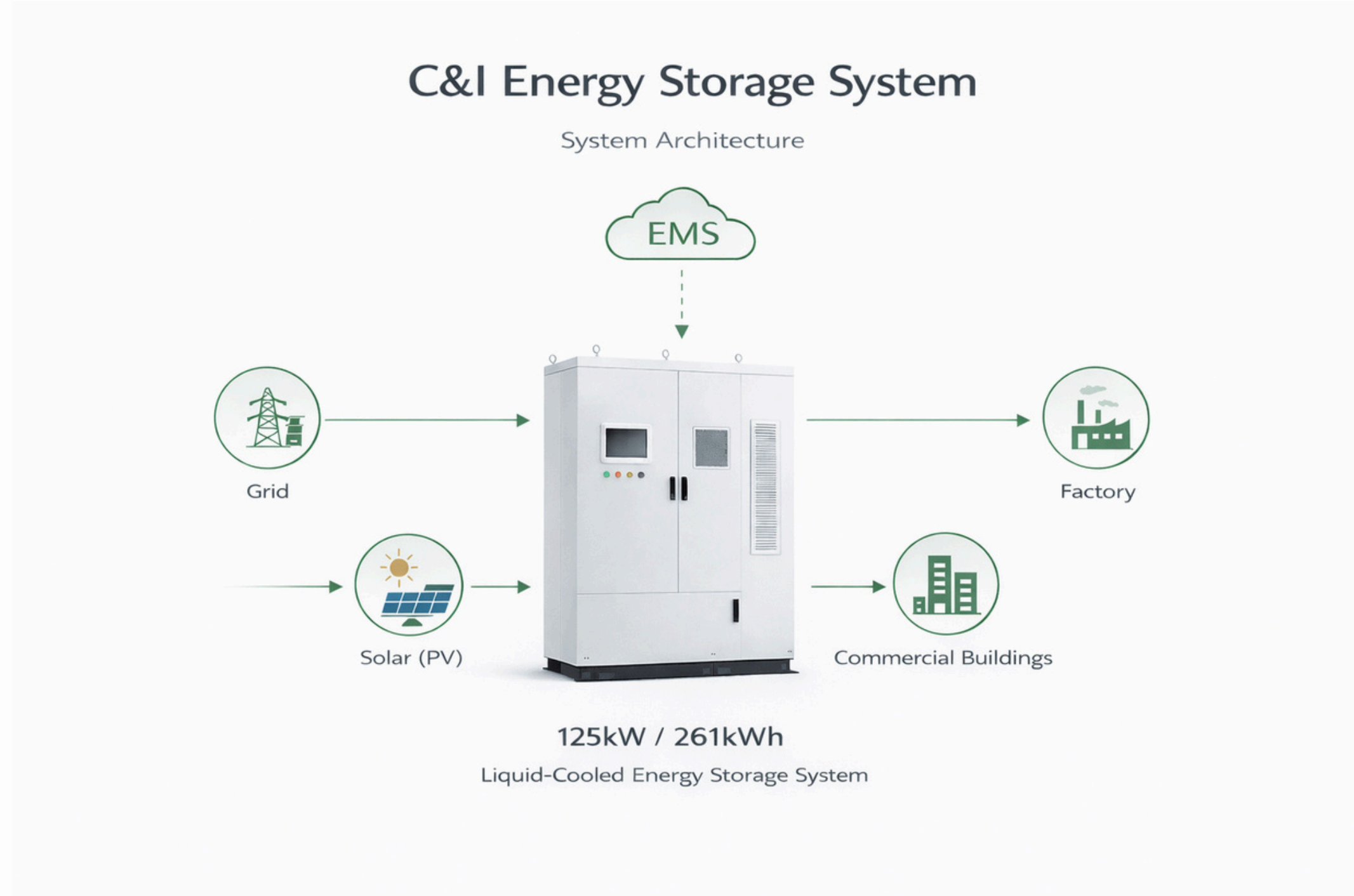
Modular design for flexible system expansion

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

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

System Architecture



Grid & Renewable Integration

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

IEC/EN 62619 · IEC/EN 60730 · UN38.3 · UN3480 · IEC/EN 62477 ·
IEC/EN 61000 · IEC/UL 60730 · GB/T 36276

Email : sales@novenergy.cn

Phone : +86 13510391283

WhatsApp : +86 13510391283

Web : www.novenergy.cn

L261 All-in-One ESS

Liquid-Cooled

