



L232 C&I Energy Storage System

EPC-ready system for grid-connected C&I projects
100kW / 232.9kWh · Liquid Cooling

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

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

232.9kWh
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 280Ah
	Rated Energy	232.9 kWh
	Rated Voltage	832 V
	Voltage Range	650 – 950 V
	Configuration	260S1P
Performance	Cycle Life	≥6500 cycles
	Rated Power	100 kW
	Max Current	145 A
	System Efficiency	89%
	Charge/Discharge Rate	≤0.5P

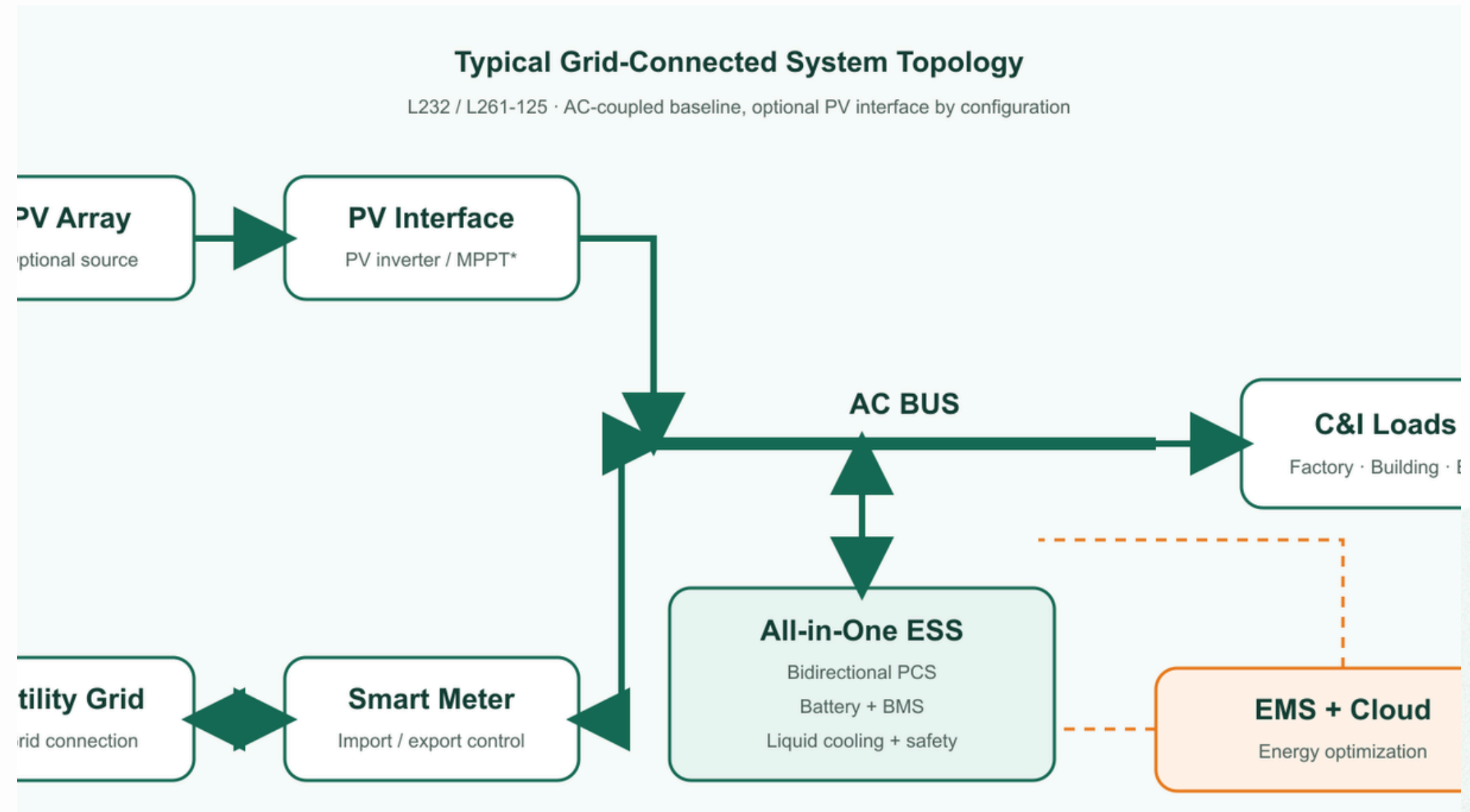
MPPT (optional): 100kW rated / 110kW max · 200–550V · 320A max · 2/4 inputs

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	<78 dB
Environment	Operating Temp	-20°C ~ +55°C
	Humidity	0–95%
	Altitude	≤3000m
	Protection Level	IP54

Dimensions (W×D×H): 1800×1200×2300 mm · Weight: 3.2 t

System Architecture

Pre-integrated 100kW / 232.9kWh system with 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

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

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L232 All-in-One ESS

