DISCOVER ENERGY SYSTEMS

LYNK PORT CONNECTIVITY

AES 210HV

Energy Storage Solution for Community, Commercial and Industrial Applications

Powerful, Scalable Energy Storage for Growing Demands

Compared with competitors, the AES 210HV delivers energy storage at nearly half the per kWh cost. Preassembled for rapid deployment, it also reduces installation time, making energy-independence projects even more affordable.

The AES 210HV is outdoor-rated and features liquid cooling and heating for reliable performance in extreme conditions. It features multi-layered safety measures, including fire suppression and continuous monitoring. Scalability from 200 kWh to 4 MWh and seamless integration with the leading brands of C&I hybrid inverters make the AES 210HV ideal for a wide range of projects.

The AES 210HV is a versatile energy storage solution for multifamily, commercial, and industrial applications. It delivers energy savings, backup power, and off-grid independence.

- Multifamily Dwellings
- Charging Stations
- Grocery & Convenience Stores
- Banks, Hospitals & Schools
- Industrial Sites

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UTILITY-SCALE PRICING FOR THE C&I SECTOR

Scalable. 200 kWh to 4 MWh.

Preassembled. Reducing installation time and onsite cost.

Compatible. With approved C&I HV Hybrid Inverters.

Efficient. Liquid Cooling / Heating of Battery Cells.

Optimized. Multi-tiered Battery Management System.

Managed. 24/7 Monitoring and Alerts.

Certified. UL1973, UL9540A, UL9540 DC ESS (pending).

Safe. Heat and Smoke Detection, Ventilation, and Fire Suppression.

BATTERY SPECIFICATIONS

Battery Chemistry	Lithium Iron Phosphate ($LiFePO_4$)
Nominal Energy Capacity (Usable)	212kWh (209kWh)
System Nominal Voltage	665.6V
Operating Voltage Range	603.2V - 738.4V
Cell Capacity (Usable)	320Ah (314Ah)
Max. Continuous Current	157A (C/2)
Continuous Power	104.5kW (25°C, 665.6VDC, C/2)
DC Connections	Four (+) | Four (-) Terminals (Each Fused)
Inverter Compatibility	Hybrid Inverter Technology (CANbus)
Communications	LYNK II Gateway (Inverter Closed-Loop | Cloud Monitoring)

WARRANTY AND CERTIFICATION

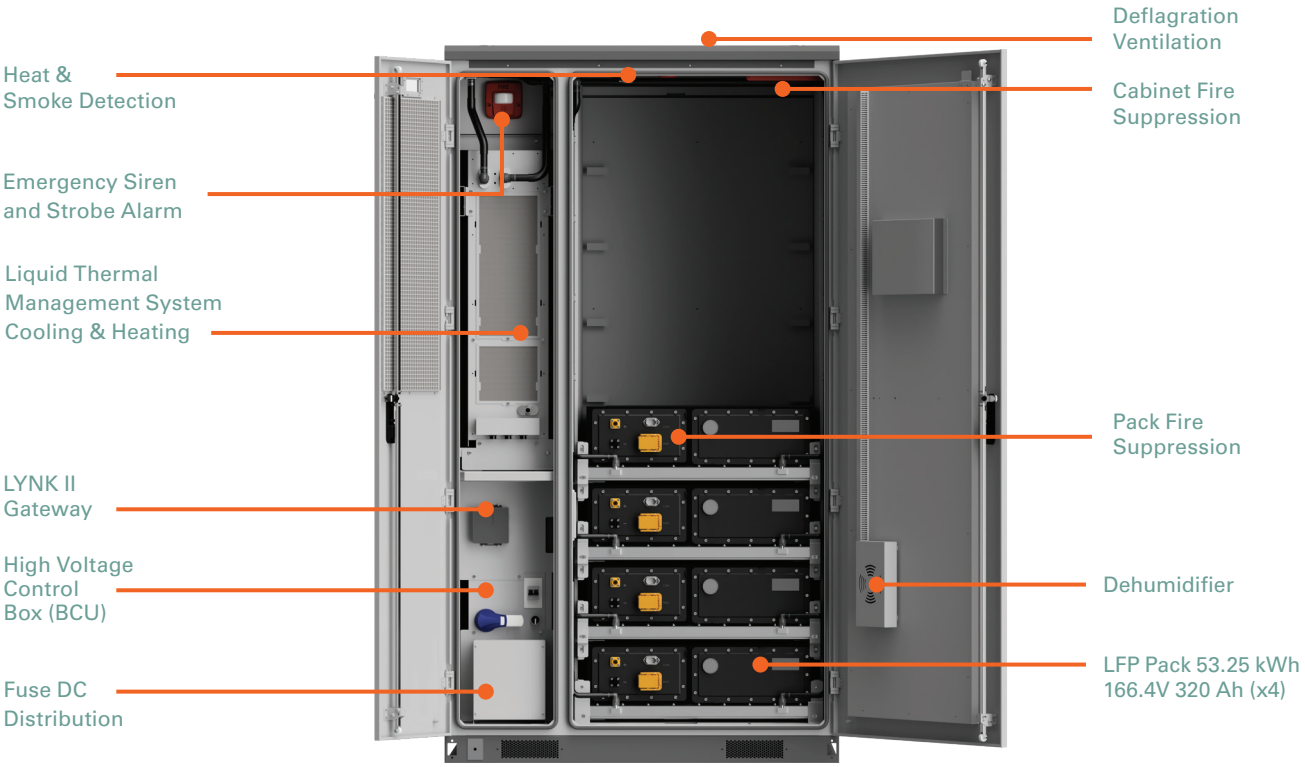
Base Performance Warranty	10 years (1658.4 MWh Total Energy Throughput)
System Warranty Extension	10 years, 15 years, 20 years
Certifications	UN38.3, UL1973, UL9540A, UL9540 Pending

MECHANICAL SPECIFICATIONS

Product Dimensions (WxDxH)	1300x1300x2374 mm (51.2x51.2x93.4 in)
Net Weight	2,490kg (5,490lb)
Material & Finish	Corrosion Resistant Painted Steel
Thermal Management	Integrated Liquid Cooling/Heating System
Auxiliary AC Input	240VAC
Operating Conditions	-30°C to 55°C (-22°F to 130°F)
Ingress Rating	Outdoor Cabinet IP55 (NEMA 3R)
Noise Level @ 1m	75 dBA @ 30°C

SAFETY SYSTEMS

- Smoke Detection System
- Heat Detection System
- Pack Level Aerosol Fire Suppression System
- Cabinet Level Aerosol Fire Suppression System
- Emergency Siren and Strobe Alarm
- External Emergency Stop Button
- Passive Deflagration Ventilation System



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