

Product Features



Inherently Safe

AI intelligent early warning

Comprehensive three-dimensional fire protection with multiple safeguards: detection, prevention, venting, and extinguishing



Smart and Efficient

High-efficiency energy conversion, maximum efficiency up to 91%

Plug and play, side-by-side installation, up to 32 units in parallel

Reserved for various handling and installation interfaces, efficient deployment



Long-lasting Performance

Using Darwin's self-evolving algorithm, system temperature difference $\leq 3^{\circ}\text{C}$, performance life >15 years

Fearless of extreme environments such as severe cold, high salt spray, high temperature, high wind and sand



Smart Operation

Web/APP real-time monitoring, AI algorithm optimization strategy, expanding profit

Near-field, remote wireless control, one-click upgrade, fingertip scheduling, remote O&M



Commercial & Industrial, Micro Grid



Data Center & Computing Center



Frequency Regulation and Peak Shaving



HYPERCUBEC&I II PLUS

LIQUID-COOLING OUTDOOR CABINET

HYPERCUBEC&I II PLUS

TECHNICAL SPECIFICATIONS

Model

HSL2C7B21-0261-EU

HSL2C7001-0261-EU

DC Side

Battery Type	LFP-314Ah
Configuration	1P260S
Rated Energy	261kWh
Rated Voltage	832V _{dc}
Operating Voltage Range	702V _{dc} -936V _{dc} (adjustable by DOD range)

AC Side

Rated AC Power	125kVA	/
Rated AC Voltage	400V _{ac}	/
AC Voltage Range	-15%V _{ac} ~ +10%V _{ac}	/
Rated Frequency	50Hz/60Hz	/
Maximum RTE	89%	/

General Parameters

Dimensions (W*D*H)	1030*1350*2400mm (±5mm)
Weight	≤ 2600kg±30
IP Rating	Battery room-IP55, Cabinet-IP54, Pack-IP67
Operating Humidity	0~95% (non-condensing)
Operating Temperature	-25~55°C (power derating above 45°C)
Altitude	<4000m (power derating above 2,000m)
Communication Interface	CAN, Ethernet, RS485
Cooling Method	Smart Liquid Cooling (Battery) / Smart Air Cooling (PCS)
Fire Suppression System	Temperature sensing, smoke sensing, combustible gas detection, cabin level aerosol system, ventilation system, water-based fire suppression
Certifications	IEC 61000, IEC 62619, IEC 63056, IEC 62477, IEC62040, IEC62933, IEC 60730, VDE4105&4110, UN38.3, UL9540A, Sirim