

Liquid-Cooled 261 kWh Battery Cabinet

H261-125L |



What is the Liquid-Cooled 261 kWh Battery Cabinet? The H261-125L integrates LiFePO4 cells (3.2 V / 314 Ah, 260S1P) with a built-in 125 kW bidirectional PCS in one liquid-cooled cabinet. The DC side runs at 832 V rated (650 – 949 V) with 0.5P charge/discharge; the AC side delivers 125 kW at 400 VAC for both grid-connected and off-grid modes with < 2% THDi. The crane-friendly 940 × 1350 × 2240 mm cabinet weighs about 2,400 kg and operates from –15 °C to 45 °C at up to 4,000 m.

261 kWh

Rated Capacity

125 kW

PCS Built-in

8,000

Cycle Life

IP54

Protection Class

KEY FEATURES

- ✓ PCS Integrated
- ✓ Easy Set-up & Maintenance
- ✓ Intelligent Fire Monitoring
Built-in fully automatic fire detection and suppression (Aerosol).
- ✓ Simple Deployment
Crane-friendly standard cabinet, minimal commissioning and maintenance.

TECHNICAL SPECIFICATION

Parameter	H261-125L
DC Side	
Cell Type	LiFePO4
Cell Specification	3.2 V / 314 Ah
Battery Configuration	260S1P
Rated Capacity	261 kWh
DC Rated Voltage	DC 832 V
Voltage Range	DC 650 – 949 V
Max Charge/Discharge Current	200 A
Charge/Discharge Rate	0.5P
AC Side (Grid-Connected)	
Rated Power	125 kW
Rated Current	181 A
Rated Voltage	400 VAC
Connection	3P+N+PE
Grid Voltage Range	–15% ~ +15%
Frequency	50 / 60 Hz
THDi	< 2% (rated power)
Power Factor	1 leading ~ 1 lagging (configurable)
AC Side (Off-Grid)	
Rated Power	125 kW

Parameter	H261-125L
THDu	< 3% (linear load)
Power Factor	1 leading ~ 1 lagging (configurable)
System	
Dimensions (W×D×H)	940 × 1350 × 2240 mm
Weight	2400 ± 50 kg
Cycle Life	8,000
Protection Rating	IP54
Cooling Method	Liquid cooling
Fire Suppression	Fully automatic (Aerosol)
Communication	Ethernet / RS485 / CAN
Operating Temperature	-15 °C ~ 45 °C
Operating Altitude	4000 m (derated above 2000 m)

Model H261-125L — liquid-cooled 261 kWh cabinet with built-in 125 kW PCS; full datasheet available on request.
Specifications are subject to change without notice.