ATLAS

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ATLAS H261L

C&I Energy Storage System

High-Power PV and Energy Storage Compatibility

- 125 kW AC rated power
- Up to 250 kW PV input capacity
- Wide MPPT voltage range: 150–950 V

Advanced Liquid Cooling Thermal Management

Equipped with an advanced liquid-cooling system, the solution maintains battery cells within their optimal operating temperature range, ensuring stable performance, enhanced safety, and long-term reliability.

Integrated PV-Storage DC-Coupled Architecture

Built on an advanced Hybrid Power System architecture, the solution adopts a PV-storage DC-coupled design, combining high-cycle-life battery cells with proprietary high-precision BMS control algorithms to enable efficient coordination between solar generation and energy storage, maximizing overall system performance.

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ATLAS H261L Product Specifications

Model	ATLAS H261L
Battery Parameters	
Cell Type	$LiFePO_4$
Cell Specification	314 Ah
PACK Capacity	52.2 kWh
Rated Capacity	261.2 kWh
Rated Voltage	832 V DC
Input DC(PV side)	
Recommended Max. PV Array Size	250 kW
Max. Usable PV Input Power	250 kW
Rated Voltage	600 V
Start-up Voltage	180 V
MPPT Voltage Range	150 V ~ 950 V
MPPT Number / Max. Input Strings Number	10/20
Max. Input Current	10*42 A
Max. Short Circuit Current	10*60 A
AC Side Grid-Connected Parameters	
Nominal AC Output Power	125 kW
THDi	< 3 %
Rated Voltage	3/N/PE, 220/380 V;3/N/PE, 230/400 V
Rated Frequency	50 Hz/60 Hz
AC Side Off-Grid Parameters	
Rated Output Power	125 kW
Rated Output Voltage	3/N/PE, 220/380 V;3/N/PE, 230/400 V
Rated Output Frequency	50 Hz/60 Hz
THDu	< 3 %
System Parameters	
Display	Local Touchscreen
Protection Level	IP54
Cooling Mode	Liquid Cooling (DC Side)
Installation	Floor Standing
Corrosion-Proofing Grade	C3 (C5 Optional)
Environment Temperature	−20 ℃ to +55 ℃ (> 45℃ derating)
Ambient Humidity	0~100 %
Noise	< 70 dB(1m)
Altitude	≤ 2,000 m (no derating)
Dimensions (W*H*D)	1,700*1,300*2,450 mm
Weight	2,300 kg