

HYXI Atlas Liquid Cooling ESS

HYX-EL261P2-AU

Version 1.1-2609

Design and specifications are subject to change without notice



Superior Performance

- 314Ah LFP Cell. Scalable up to Mwh
- Automotive-Grade Pack & BMS
- Three-Phase Four-Leg PCS, 100% Unbalanced Operation Support
- Suitable for Harsh Environment: IP55/C5



Extremely Safe

- 7-Layer Fire Protection Design
- 271-Point Thermal Monitoring
- 50mm A1-Grade Insulation
- 6-Layer Electrical Protection, 20ms Cut-Off



Intelligent Energy

- AI-Driven EMS
- Smart Phase Zero Export Control
- Customizable Interface



Easy O&M

- 10-Minute Module Replacement
- Compact Design, 20% Less Footprint
- Auto Refill, Minimal Maintenance

Technical Specifications

HYX-EL261P2-AU

Model	HYX-EL261P2-AU
Battery Parameter	
Cell Type	LiFePO4
Cell Capacity	314Ah
Battery Configuration	1P260S
Battery Rated Voltage	832Vd.c.
Battery Operating Voltage	728 ~ 936Vd.c.
Battery Rated Capacity	261kWh
AC Side (On-Grid)	
Rated Power	125kW
Rated Voltage	3L/N/PE, 230/400Va.c.
Rated Current	180Aa.c.
Rated Frequency	50/60Hz
Frequency Range	50/60Hz ± 2.5Hz
Max. THD of Current	< 3% (Rated power)
DC Component	< 0.5% (Rated power)
Power Factor Range	0.99 leading ~ 0.99 lagging

Technical Specifications
HYX-EL261P2-AU

Model	HYX-EL261P2-AU
AC Side (Off-Grid)	
Rated Power	125kW
Rated Voltage	3L/N/PE, 230/400Va.c.
Rated Frequency	50/60Hz
Max.THD of Voltage	< 3% (Linear load)
Unbalanced Load Capacity	100%
General Data	
Dimensions (W*H*D)	1000 × 2402 × 1467mm
Weight	2620kg
Degree of Protection	IP55
Anti-Corrosion Degree	C5
Operation Humidity Range	0% ~ 100%
Operation Temperature Range	-30°C ~ 55°C (PCS ≥ 50°C derating)
Max. Operating Altitude	3000m
Cooling Method	Liquid cooling
Noise	≤ 70dB@1m
Fire Suppression System	Flammable gas detector, smoke detector, heat detector, alarm sounder, smoke exhaust fan, aerosol
Communication Interface	Ethernet/Wi-Fi/4G
Communication Protocol	Modbus TCP
Certifications	IEC 62619, IEC 62040, IEC 62477, IEC 61000, UN 38.3

Manufactured in China
Zhejiang Hyxi Technology Co., Ltd.