HYXI Altas Liquid Cooling ESS

HYX-EL261P2-EU

Version 1.5-2607
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 Replacemention
- Compact Design, 20% Less Footprint
- Auto Refill, Minimal Maintenance

Technical Specifications

HYX-EL261P2-EU

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

Technical Specifications

HYX-EL261P2-EU

Model	HYX-EL261P2-EU
AC Side (Off-Grid)	
Nominal Power	125kW
Nominal Voltage	3L/N/PE, 230/400Va.c.
Nominal Frequency	50/60Hz
Max.THD of Voltage	< 3% (Linear load)
Unbalanced Load Capacity	100%
General Data	
Dimensions (W*H*D)	1000mm×2402mm×1467mm
Weight	2620kg
Degree of Protection	IP55
Anti-Corrosion Degree	C5
Operation Humidity Range	0% ~ 100%
Operation Temperature Range	-30℃ ~ 55℃ (PCS ≥ 50℃ 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, Aersol, Sprinkler
Communication Interface	Ethernet/Wi-Fi/4G
Communication Protocol	Modbus TCP
Certifications	IEC 62619, IEC60730, IEC 63056, IEC 62477, IEC 61000, UN 38.3