

LIQUID COOLING ESS

HYX-EL261P2-EU



High Performance

- Premium 314Ah LFP battery with guaranteed quality, high power density.
- Three-phase four-bridge arm architecture PCS, 100% unbalanced support.
- Scalable up to Mwh

Assured Safety

- 5-layer fire protection design secures minimal risk and loss
- Battery compartment and electrical compartment are isolated
- Certification: IEC63056, IEC62619, IEC62477, IEC61000, UN38.3

Multi-strategy

- Integration of EMS inside
- Support peak shaving and valley filling, demand control, emergency backup
- Support Modbus, MQTT protocol and IEC104 protocol, can participate in peak and frequency modulation

Quick Deployment

- Pre-install in factory, plug-and-play installation
- Support hoisting/fork construction
- Remote O&M management, support WEB, Cloud & APP

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Technical Specifications

Product Model	HYX-EL261P2-EU
Battery Rating	
Cell Type	LFP / 314 Ah
Battery Configuration	1P52S
Rated Voltage	832 V
Battery Voltage Range	728 V - 936 V
Rated Capacity	261 kWh
AC Side (on-grid)	
Rated AC Power	125 kW
Rated AC Voltage	3L/N/PE, 230/400 V
Rated AC Current	180 A
Nominal Frequency	50 / 60 Hz
Frequency Range	50 / 60 Hz ± 2.5 Hz
Max. THD of Current	< 3 % (Nominal power)
DC Component	< 0.5 % (Nominal power)
Power Factor	0.99 leading ~ 0.99 lagging
AC Side (off-grid)	
Rated AC Voltage	3L/N/PE, 230/400 V
Rated AC Current	180 A
Nominal Frequency	50 / 60 Hz
Max.TH D of Voltage	< 3 % (Linear load)
Unbalance Load Capacity	100%
General Data	
Dimensions (W*H*D)	1000×2402×1467 mm
Weight	2620 kg
Protection Degree	IP55
Anti-corrosion Degree	C4 (Default) C5 (Optional)
Operating Humidity Range	0 ~ 100%
Operating Temperature Range	-30 ~ 55°C (> 45 °C derating)
Max. Operating Altitude	3000 m
Cooling Method	Liquid cooling
Noise	≤70 dB
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
Standard	IEC 62619, IEC60730, IEC 63056, IEC 62477, IEC 61000, UN 38.3