

# LIQUID COOLING ESS

## HYX-EL261P2-EU



### Extreme Performance, More Grid Friendly

- Three-phase four-bridge arm architecture supports single-phase 100% unbalanced load function
- PCS supports high and low penetration, island, and black start, support reactive power compensation, harmonic treatment

### Safety & Reliable Performance

- Multi-level fire protection system
- Battery compartment and electrical compartment are isolated
- Certification: UN38.3, IEC62619, 1.2m drop test, IEC 62477, IEC 61000

### Multi-strategy Applications

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

### Easy to Install & Maintain

- Pre-installation and pre-test are available at the factory, Quick on-site construction wiring installation
- Support hoisting/fork construction methods
- Modular design, maintenance worry-free
- Remote O&M management, support WEB, Cloud & APP

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## Technical Specifications

Product Model	HYX-EL261P2-EU
<b>Battery Rating</b>	
Battery Type	LiFePO4
Cell Capacity	314 Ah
Battery Configuration	1P52S
Nominal Voltage/Voltage Range	728 V - 936 V
Nominal Capacity	261 kWh
Maximum Charge/Discharge Current	314 A
Nominal Charge/Discharge Current	157 A
Calendar Life	6,000 / 70%EOL (25±2°C, 0.5P)
<b>AC Grid Rating</b>	
Nominal Input/Output Voltage	3L/N/PE, 400/230 V
Nominal Frequency	50/60 Hz
Nominal Input/Output Power	125 kW
Max. Input/Output Apparent Power	137.5 kVA
Nominal Input/Output AC Current	180 A
Max. Input/Output AC Current	198 A
Power Factor	0.99 leading ~ 0.99 lagging
<b>General Data</b>	
System Parallel Units	12
Operating Temperature Range	-20 to 50°C
Operating Humidity Range	0 - 100%RH, non-condensing
Noise	≤ 70dB
Dimensions (W*H*D)	1000*2402*1467 mm
Weight	3000 kg
Protection Degree	IP55
Cooling Method	Liquid Cooling
Fire Protection Method	Aerosol Fire Suppression
Max. Operating Altitude	≤ 2,000 m
Networking Mode	WIFI / LAN / 4G(Optional)