



HYXiPOWER

# LIQUID COOLED ENERGY STORAGE SYSTEM

HYX-EL232/261P2

## High safety, long life

- With module-free high standard patented PACK technology to ensure the reliability of the whole life cycle of the battery
- Adopt mature equalization technology, passive equalization
- Intelligent liquid cooling system, the temperature difference between the battery cells is no more than 3°C

## Modular design, intelligent and efficient

- Support multiple and parallel single outputs, easy power expansion for bidirectional energy storage converter unit and battery unit
- Support the parallel networking of multiple sets of equipment
- Built-in intelligent EMS system, comprehensive management and maintenance of the safety of the whole cabinet and data storage
- Integrated with AI monitoring and early warning function, monitoring the operating status of the system at all times, remote fault prediction and processing

## Flexible and convenient

- Reduce construction period, on-site plug and play, flexible configuration, convenient installation

# Technical Specifications

Product Model	HYX-EL232P2	HYX-EL261P2
<b>AC Side</b>		
Nominal AC Active Power	100kW	125kW
Nominal AC Voltage	380 / 400V (-15% - 15%)	
Nominal AC Grid Frequency	50 / 60Hz (-2.5 - 2.5)	
AC Connection Method	3P+N+PE	
Max. Output Current	158A	212A
Adjustable Power Factor Range	0.8 cap – 0.8 ind	0.99 / -1~1
Max. Total Harmonic Distortion (THDi)	≤3% (Full Load)	
Efficiency Response Time	< 20ms	
<b>Battery Side</b>		
Cell Capacity	280Ah	314Ah
Battery Configuration	1P260S	
Nominal Voltage	832V	
Operating Voltage Range	728 - 936V	
Nominal Capacity	232.96kWh	261.248kWh
Supported Charge & Discharge Rate	≤ 0.5C	
<b>Protection</b>		
Overvoltage Protection	Yes	
Overcurrent Protection	Yes	
Short-circuit Protection	Yes	
Over-temperature Protection	Yes	
<b>General Data</b>		
Max. Efficiency	≥ 90% (Station electricity is not included)	
Operating Temperature Range	Charging: 0 - 45°C, Discharge: -20 - 55°C	
Operating Humidity Range	0 - 95%RH	
Noise	< 75dB	
Dimensions (W*H*D)	1400*2200*1400mm	
Weight	2,600kg	
Protection Degree	IP55	
Cooling Method	Liquid Cooling	
Fire Protection Method	Perfluoro+Pack-level+Active Forewarning	
Max. Operating Altitude	≤ 2,000m	
Networking Mode	WiFi / LAN / 4G	
Display	Touch Screen	

Optional: DC module with MPPT function, STS with parallel and offline switching function