



STRING ESS

HYX-EL3000/4000/5000P2-DC

High Safety

- Selected battery cell, UL, IEC, GB certificated
- Package-level fireproof, cabinet-level fireproof, multiple safety design
- Equipped with gas detector for early warning

More Intelligent

- Local configuration and remote control
- Real-time status information of each module
- System operation data sharing, intelligent terminal display

Long lifespan

- Industry-leading energy storage LFP special battery
- Higher energy density and smaller temperature differences
- Intelligent liquid-cooled system, lower power consumption

Easy O&M

- Modular design, convenient for installation and maintenance
- System self-diagnosis and self-repairing, remote O&M
- Remote monitoring and upgrade

Technical Specifications

Product Model	HYX-EL3000P2-DC	HYX-EL4000P2-DC	HYX-EL5000P2-DC
Battery Side			
Cell Capacity	280Ah	280Ah	314Ah
Battery Configuration	10P416S	12P416S	12P416S
Nominal Voltage	1,331.2V		
Operating Voltage Range	1,164.8 - 1,497.6V		
Nominal Capacity	3727.36kWh	4472.832kWh	5015.96kWh
Supported Charge & Discharge Rate	≤ 0.5C		
Protection			
Overvoltage Protection	Yes		
Overcurrent Protection	Yes		
Short-circuit Protection	Yes		
Over-temperature Protection	Yes		
General Data			
Max. Efficiency	≥ 94% (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)	3000*2896*6058mm	3000*2896*7000mm	3000*2896*7000mm
Weight	32T	42T	52T
Protection Degree	IP55		
Cooling Method	Liquid Cooling		
Fire Protection Method	Perfluoro+Pack-level+Active Forewarning		
Max. Operating Altitude	≤ 2,000m		
Networking Mode	LAN		