



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 (Ah)	280	280	314
Battery Configuration	10P416S	12P416S	12P416S
Nominal Voltage (V)	1331.2		
Operating Voltage Range (V)	1164.8 ~ 1497.6		
Nominal Capacity (kWh)	3727.36	4472.832	5015.96
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	≥ 90%		
Operating Temperature Range (°C)	Charging: 0 ~ 45, Discharge: -20 ~ 55		
Operating Humidity Range (RH)	0 ~ 95%		
Noise (dB)	< 75		
Dimensions (W*H*D mm)	3000*2896*6058	3000*2896*7000	3000*2896*7000
Weight (T)	32	42	52
Protection Degree	IP54		
Cooling Method	Liquid Cooling		
Fire Protection Method	Perfluoro+Pack-level+Active Forewarning		
Max. Operating Altitude (m)	≤ 2,000		
Networking Mode	LAN		