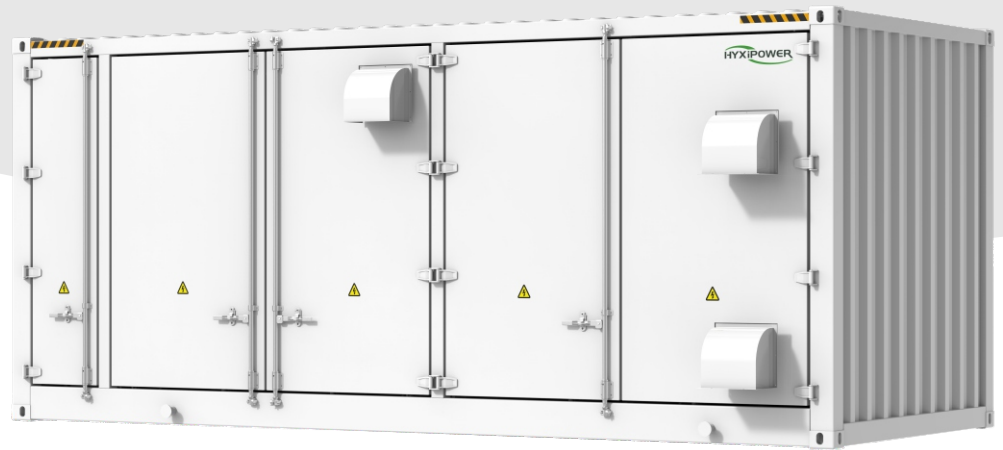


# CONTAINER ESS

## HYX-EL3000/4000/ 5000P2-DC



### Ultimate Safety

- Multi-layer electrical protection from cells to system
- AI thermal balance,  $\leq 3^{\circ}\text{C}$  cells temperature difference
- Six-sided flame retardant, triple fire protection design
- Precision monitoring system with early warning and fire response

### Efficient Management

- System round-trip efficiency (RTE) of 94%
- A+ grade cells with automotive-grade standards
- Energy-efficient iEMS with multi-site cloud management
- AI cells fault prediction for enhanced safety

HYX-EL3000/4000/5000P2-DC  
**Technical Specifications**

Product Model	HYX-EL3000P2-DC	HYX-EL4000P2-DC	HYX-EL5000P2-DC
<b>Battery Side</b>			
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	
<b>Protection</b>			
Overvoltage Protection		Yes	
Overcurrent Protection		Yes	
Short-circuit Protection		Yes	
Over-temperature Protection		Yes	
<b>General Data</b>			
Max. Efficiency		≥ 94% (Excluding self consumption)	
Operating Temperature Range		-20 to 50°C	
Operating Humidity Range		0 - 95%RH	
Noise		≤ 75dB	
Dimensions (W*H*D)	2850*2896*6058mm	2850*2896*6800mm	2850*2896*6800mm
Weight	36T	39T	42T
Protection Degree		IP55	
Cooling Method		Liquid Cooling	
Fire Protection Method		Perfluoro+Pack-level+Active Forewarning	
Max. Operating Altitude		≤ 2,000m	
Networking Mode		LAN	