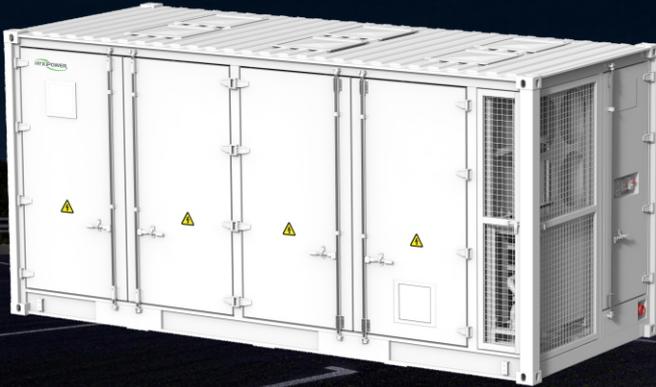


# CONTAINER ESS

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

Version 1.1-2603

Design and specifications are subject to change without notice



### Ultimate Safety

- Multi-layer electrical protection from cells to system
- Six-sided flame retardant, triple fire protection design
- Precision monitoring system with early warning and fire response



### Efficient Management

- System round-trip efficiency (RTE)  $\geq 90\%$
- A+ grade cells with automotive-grade standards
- Energy-efficient iEMS with multi-site cloud management
- AI cells fault prediction for enhanced safety

## Technical Specifications

HYX-EL3000/4000/5000P2-DC

Product Model	HYX-EL3000P2-DC	HYX-EL4000P2-DC	HYX-EL5000P2-DC
<b>Battery Side</b>			
Cell Capacity		314Ah LFP	
Battery Configuration	8P416S	10P416S	12P416S
Nominal Voltage		1,331.2V	
Operating Voltage Range		1,164.8 ~ 1,497.6V	
Nominal Capacity	3.34MWh	4.18MWh	5.01MWh
Supported Charge & Discharge Rate		$\leq 0.5C$	
<b>Protection</b>			
Overvoltage Protection		Yes	
Overcurrent Protection		Yes	
Short-circuit Protection		Yes	
Over-temperature Protection		Yes	
Emergency Stop Protection		Yes	
<b>General Data</b>			
Max. Efficiency		$\geq 90\%$ (include self-consumption)	
Operation Ambient Temperature Range		-30 to 55 °C	
Storage Temperature		-20 to 35 °C	
Operating Humidity Range		0 ~ 95%RH	
Noise		$\leq 80dB$	
Anti-corrosion Degree		C3/C4/C5 (optional)	
Dimensions (W*H*D)		6,058*2,896*2,438mm	
Weight	33T	38T	43T
Protection Degree		IP55	
Cooling Method		Liquid Cooling	
Fire Protection Method		Aerosol + water suppression system	
Max. Operating Altitude		$\leq 2,000m$	
Networking Mode		LAN, RS485, CAN	