



Outdoor Cabinet

HYX-EL200P2

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's 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-EL200P2	
AC Side		
Rated AC Active Power (W)	100,000	
Rated AC Voltage (V)	400	
Rated AC Grid Frequency (Hz)	50	
AC Connection Method	3P+N+PE	
Max. Output Current (A)	158	
Adjustable Power Factor Range	0.8 cap – 0.8 ind	
Max. Total Harmonic Distortion (THDi)	≤3% (Full Load)	
Charge & Discharge Switch Time (ms)	< 100	
Battery Side		
Cell Capacity (Ah)	280	
Battery Configuration	1P260S	
Rated Voltage (V)	832	
Operating Voltage Range (V)	728 - 936	
Nominal Capacity (kWh)	232.96	
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	≥ 89%	
Operating Temperature Range (°C)	Charging: 0 ~ 45, Discharge: -20 ~ 55	
Operating Humidity Range (RH)	0 ~ 95%	
Noise (dB)	< 75	
Dimensions (W*H*D mm)	1400*2200*1400	
Weight (T)	2.6	
Protection Degree	IP54	
Cooling Method	Liquid Cooling	
Fire Protection Method	Perfluoro+Pack-level+Active Forewarning	
Max. Operating Altitude (m)	≤ 2,000	
Networking Mode	CAN, RS485	
Display	Touch Screen	

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