



HYXiPOWER

# Outdoor Cabinet

HYX-EL232/261P2

## 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 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-EL232P2                             | HYX-EL261P2 |
|---------------------------------------|---|-------------|
| <b>AC Side</b>                        |   |             |
| Nominal AC Active Power (W)           | 100,000                                 | 125,000     |
| Nominal AC Voltage (V)                | 380 / 400 (-15% ~ 15%)                  |             |
| Nominal AC Grid Frequency (Hz)        | 50 / 60 (-2.5 ~ 2.5)                    |             |
| AC Connection Method                  | 3P+N+PE                                 |             |
| Max. Output Current (A)               | 158                                     | 212         |
| Adjustable Power Factor Range         | 0.8 cap – 0.8 ind                       | 0.99 / -1~1 |
| Max. Total Harmonic Distortion (THDi) | ≤3% (Full Load)                         |             |
| Efficiency Response Time (ms)         | < 20                                    |             |
| <b>Battery Side</b>                   |   |             |
| Cell Capacity (Ah)                    | 280                                     | 314         |
| Battery Configuration                 | 1P260S                                  |             |
| Nominal Voltage (V)                   | 832                                     |             |
| Operating Voltage Range (V)           | 728 - 936                               |             |
| Nominal Capacity (kWh)                | 232.96                                  | 261.248     |
| 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                       | ≥ 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                       | WiFi / LAN / 4G                         |             |
| Display                               | Touch Screen                            |             |

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