



HIGH VOLTAGE BATTERY

HYX-E50/100/150/200-H

Safety

- Automotive grade battery cells
- Smoke detectors to detect fire in advance
- Reliable IP65, C4 design to satisfy multi-scenario applications

Performance

- 35A max charge/discharge current
- LFP cell configuration, long cycle life (>6000)
- Optional heating module, wider application scenarios



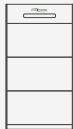

Simplicity

- Handle portable module, flat modular design, space-saving
- Flexible stacking, efficient installation, plug-and-play
- Multiple and flexible power options (5-20kWh compatibility)

Intelligent

- All in one platform monitoring
- Remote control and upgrade

Technical Specifications

| Battery System | HYX-E50-H | HYX-E100-H | HYX-E150-H | HYX-E200-H |
|---------------------------------------|---|--|--|--|
| Module Number |  1 Module |  2 Modules |  3 Modules |  4 Modules |
| Nominal Battery Energy (kWh) | 5.3 | 10.6 | 15.9 | 21.2 |
| Available Energy (kWh) | 4.5 | 9.0 | 13.5 | 18.0 |
| Nominal Voltage (V) | 102.4 | 204.8 | 307.2 | 409.6 |
| Working Voltage (V) | 86.4 ~ 115.2 | 172.8 ~ 230.4 | 259.2 ~ 345.6 | 345.6 ~ 460.8 |
| Rated Output Power(kW) | 3.0 | 6.0 | 9.0 | 12.0 |
| Cell Type | LFP | | | |
| Max. Charging/Discharging Current (A) | 35 | | | |
| SOC Indicator | 4*LED (25%, 50%, 75%, 100%) | | | |
| State Indicator | 2*LED (work, alarm) | | | |
| Communication | CAN, RS485 | | | |
| Working Temperature (°C) | 0 ~ 50(heating version-20 ~ 50) | | | |
| Ingress Protection Rating | IP65 | | | |
| Working Humidity (RH) | 5 ~ 95% | | | |
| Working Altitude (m) | 4,000 | | | |
| Calendar Life | > 6,000 (70%EOL) | | | |
| Dimension (W*H*D mm) | 700*650*200 | 700*1000*200 | 700*1350*200 | 700*1700*200 |
| Net Weight (kg) | 65 | 115 | 165 | 215 |
| Alarms | Over charge / Over discharge/Over current / Over temperature / Short Circuit | | | |

※ Design and specifications are subject to change without notice.

Ver 1.0 2023