

HIGH VOLTAGE BATTERY

HYX-E50-H3

HYX-E100-H3



Safety

- Cell temperature collection, built-in breaker & fuse
- IP65 Protection degree

Performance

- 90% Depth of Discharge, Ultra-low power consumption
- LiFePO4 cell configuration, safety and long cycle life
- High Voltage and High Efficiency

Simplicity

- Integrated design, Easy Installation
- Streamlined structure, Space-saving

Flexible

- Wall-mounted & floor-mounted
- Scalable to 20kWh

HYX-E50/100-H3
Technical Specifications

Battery System	HYX-E50-H3	HYX-E100-H3
Appearance		
Total Battery Capacity	5.12kWh	10.4kWh
Usable Capacity ¹	4.6kWh	9.36kWh
Nominal Voltage	102.4V	208V
Working Voltage	86.4 - 115.2V	175.5 - 234V
Cell Type	LiFePO4	
Nominal Charging/Discharging Current	25A	
Max. Charge/Discharge Current	30A	
Peak Charge/Discharge Current	60A (10S, 25°C)	
Dimensions (W*H*D)	498*535*185.7mm	640*730*185mm
Net Weight	56kg	105kg
SOC Indicator	4*LED (25%, 50%, 75%, 100%)	
State Indicator	2*LED (work, alarm)	
Working Temperature	Charge: 0 to +55°C Discharge: -20 to +55°C	
Ingress Protection Rating	IP65	
Working Humidity	5 - 95%RH	
Calendar Life	> 6,000 (70%EOL)	
Installation	Wall-Mounted, Floor-Mounted	
Altitude	≤ 3,000m	
Communication	CAN, RS485	

¹: Test conditions: 100% depth of discharge, 0.2C rate charge & discharge at 25°C, at the beginning of service life.