



# HIGH VOLTAGE BATTERY

HYX-E50/100/150/200-H



## Safety

- Automotive grade battery
- Smog detecting, pressure relief valve
- Reliable IP65, C4 design to satisfy multi-scenario applications

## Performance

- 35A max charge/discharge current
- LiFePO4 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
Nominal Battery Energy	5.3kWh	10.6kWh	15.9kWh	21.2kWh
Available Energy	4.5kWh	9.0kWh	13.5kWh	18.0kWh
Nominal Voltage	102.4V	204.8V	307.2V	409.6V
Working Voltage	86.4 - 115.2V	172.8 - 230.4V	259.2 - 345.6V	345.6 - 460.8V
Nominal Output Power	3.0kW	6.0kW	9.0kW	12.0kW
Cell Type	LiFePO4			
Max. Charging/Discharging Current	35A			
SOC Indicator	4*LED (25%, 50%, 75%, 100%)			
State Indicator	2*LED (work, alarm)			
Communication	CAN, RS485			
Working Temperature	0 - 50°C (heating version-20 ~ 50°C)			
Ingress Protection Rating	IP65			
Working Humidity	5 - 95%RH			
Working Altitude	< 4,000m			
Calendar Life	> 6,000 (70%EOL)			
Dimensions (W*H*D)	700*600*200mm	700*950*200mm	700*1300*200mm	700*1650*200mm
Net Weight	65kg	115kg	165kg	215kg
Alarms	Over charge / Over discharge/Over current / Over temperature / Short Circuit			

BMS module	HYX-EBDU-H
Max Charging/Discharging Current	35A
Charge Strategy	Self-Adaption
Communication	CAN、RS485

Battery module	HYX-E50B-H
Nominal Battery Energy	5.3kWh
Available Energy	4.5kWh
Max Charging/Discharging Current	35A
Max Charging/Discharging Power	3.5kW

※ Design and specifications are subject to change without notice.

Made in China Ver 1.0-2024