

STACKABLE ALL-IN-ONE ESS

2PACK:6kW/10kWh

3PACK:9kW/15kWh

4PACK:12kW/20kWh

5PACK:15kW/25kWh



Safe & Reliable

- IP67, C4 salt spray resistance
- A+ grade cells with automotive-grade standard
- Smoke detection, active pressure relief
- Type II DC/AC surge protection, lightning-proof
- 300m AFCI detection with 0.5s rapid shutdown

Convenient Installation

- No meter/CT or additional accessories
- No electrical system modifications needed
- Stackable design for 10-25kWh capacity flexibility

Advanced Performance

- Industry-first zero injection without meter/CT
- 160% overload capacity, 150% instant off-grid overload
- UPS-grade seamless on/off-grid switching
- Three-phase unbalanced output for max. PV utilization

Ultimate Experience

- Automotive-grade BMS for efficient energy management
- Scenario-based app with real-time energy monitoring
- AI-powered cloud with 24/7 alerts and optimization
- Intelligent control for generators and heat pumps

Product Model	HYX-H6K-HTA	HYX-H9K-HTA	HYX-H12K-HTA	HYX-H15K-HTA
System				
Hybrid Inverter			1	
Battery Module	2	3	4	5
Base			1	
PV Data				
Max. Input Power (max input power of each string)	160% Rated Total 9,600W(each string≤8,000W)	160% Rated Total 14,400W(each string≤8,000W)	160% Rated Total 19,200W(each string≤8,000W)	160% Rated Total 24,000W(each string≤8,000W)
Max. Input Voltage			1,000V	
MPPT Operating Voltage Range			140 - 980V	
Start-Up Voltage			160V	
Max. Input Current			20A / 40A	
Max. Short Circuit Current			30A / 60A	
Number of MPPT			2	
PV Input Number (Number of String Per MPPT)			3 (1 / 2)	
AC Data				
Grid Type		3/N/PE, 220V/380V, 230V/400V, 240V/415V		
Nominal Frequency			50Hz / 60Hz	
Max. Passthrough Current			63A per phase	
Max. Apparent Power Output to Utility	6,600VA	9,900VA	13,200VA	16,500VA
Output Power Factor		0.8 leading ... 0.8 lagging		
THDi			<3%	
Backup				
Max. Continuous Output Power	6,600W	9,900W	13,200W	16,500W
Peak Output Power (with PV)	150% Rated 9,000W, 10s	150% Rated 13,500W, 10s	150% Rated 18,000W, 10s	150% Rated 22,500W, 10s
Switch Time			< 10ms	
Battery				
Battery Type			LiFePO4	
Total Battery Capacity	10.6kWh	15.9kWh	21.2kWh	26.5kWh
General				
Operating Temperature			-10-50 °C	
Cooling Method			Natural Cooling	
Ingress Protection			IP67	
Dimensions (W*H*D)	700*1320*200mm	700*1670*200mm	700*2020*200mm	700*2370*200mm
Weight	152kg	202kg	252kg	302kg
Max. Operating Altitude			4,000m	
User Interface			LED / App / Web	
Communication			CAN / RS485 / WIFI / 4G / LAN / PLC	

