

Stackable All-In-One ESS

2PACK: 6kWh/10kWh
3PACK: 9kWh/15kWh
4PACK: 12kWh/20kWh
5PACK: 15kWh/25kWh

Version 1.3-2606

Design and specifications are subject to change without notice.



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

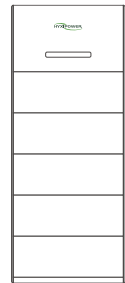
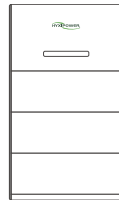


Ultimate Experience

- 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

Technical Specifications

HYX-H6K/9K/12K/15K-HTA



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 9600W (Each String≤8000W)	160% Rated Total 14400W (Each String≤8000W)	160% Rated Total 19200W (Each String≤8000W)	160% Rated Total 24000W (Each String≤8000W)
Max. Input Voltage			1000Vd.c.	
MPPT Operating Voltage Range			140 ~ 980Vd.c.	
Start-Up Voltage			160Vd.c.	
Max. Input Current			20Ad.c./40Ad.c.	
Max. Short Circuit Current			30Ad.c./60Ad.c.	
Number of MPPT			2	
PV Input Number (Number of String Per MPPT)			3 (1/2)	

Technical Specifications

HYX-H6K/9K/12K/15K-HTA

Product Model	HYX-H6K-HTA	HYX-H9K-HTA	HYX-H12K-HTA	HYX-H15K-HTA
AC Data				
Grid Type	3/N/PE, 220Va.c./380Va.c., 230Va.c./400Va.c., 240Va.c./415Va.c.			
Nominal Frequency	50Hz/60Hz			
Max. Passthrough Current	63A Per Phase			
Max. Apparent Power Output to Utility	6600VA	9900VA	13200VA	16500VA
Output Power Factor	0.8 leading ... 0.8 lagging			
THDi	<3%			
Backup				
Max. Continuous Output Power	6600W	9900W	13200W	16500W
Peak Output Power (with PV)	150% Rated 9000W, 10s	150% Rated 13500W, 10s	150% Rated 18000W, 10s	150% Rated 22500W, 10s
Switch Time	< 10ms			
Battery				
Battery Type	LiFePO4			
Total Battery Capacity	10.6kWh	15.9kWh	21.2kWh	26.5kWh
General				
Operating Temperature	-10 to 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	TOP module (46.4kg) × 1+PACK (44kg) × N+base (5.6kg) × 1			
Max. Operating Altitude	4000m			
User Interface	LED/App/Web			
Communication	CAN/RS485/WIFI/4G/LAN/PLC			

