

Stackable ALL-IN-ONE ESS

2PACK: 5.7kW/10kWh
3PACK: 7.6kW/15kWh
4PACK: 11.5kW/20kWh

Version 1.6-2609

Design and specifications are subject to change without notice.



Reliable Safety

- 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
- Supports Built-in MLPE Solutions



Convenient Installation

- Truly All-in-One System, no Additional Accessories
- Stackable Design for 10-20kWh Capacity Flexibility
- Wireless Quick-Connect Interface, Plug-and-Play



Advanced Performance

- 160% PV Overload Capacity
- System-Level Expert Control
- Split-Phase Unbalanced Output for Max. PV Utilization
- Microgrid Support, off-Grid Activation of Third-Party Grid-Tied Inverters

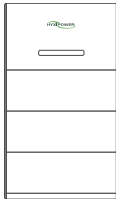


Ultimate Experience

- 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-H5K7/7K6/11K5-HSPA

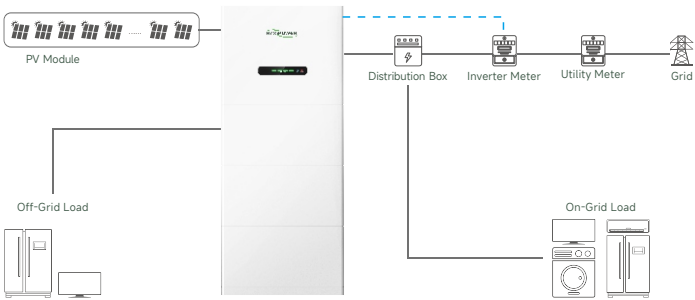


Product Model	HYX-H5K7-HSPA	HYX-H7K6-HSPA	HYX-H11K5-HSPA
System			
Hybrid Inverter		1	
Battery Module	2	3	4
Base		1	
PV Data			
Max. Input Power	160% Rated Total 9200W (each string≤4600W)	160% Rated Total 12200W (each string≤4600W)	160% Rated Total 18400W (each string≤4600W)
Max. Input Voltage		600Vd.c.	
MPPT Operating Voltage Range		145 ~ 560Vd.c.	
MPPTs		3	
Input Connectors per MPPT		1 - 1-2	
Max. Input Current		20Ad.c. - 20Ad.c. - 20Ad.c. / 20Ad.c.	
Max. Short-Circuit Current		30Ad.c. - 30Ad.c. - 30Ad.c. / 30Ad.c.	
CEC Efficiency		96.6%	
Max. Efficiency		98.2%	
MLPE		Compatible with Tigo MLPE (TS4-A-F & RSS Transmitter)	
AFCI (Arc Fault Circuit Interrupter)		Integrated	

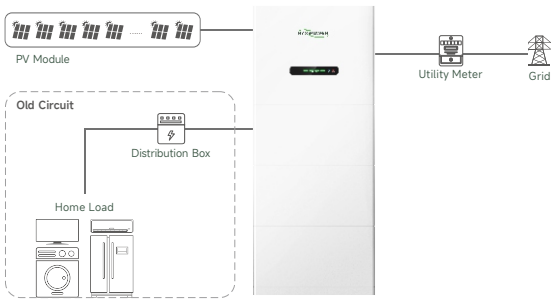
Technical Specifications

HYX-H5K7/7K6/11K5-HSPA

Product Model	HYX-H5K7-HSPA	HYX-H7K6-HSPA	HYX-H11K5-HSPA
AC Data			
AC Continuous Output	5700VA/23.75Aa.c.	7600VA/31.7Aa.c.	11500W/48.0Ad.c.
Current Carrying Capacity	200A per phase		
Nominal Output Voltage	2W + N + GND, 120/240 Vac		
Frequency	60Hz		
Backup			
Max. Continuous Output Power	5700W/23.75Ad.c.	7600W/31.7Ad.c.	11500W/48.0Ad.c.
Battery			
Battery Type	LiFePO4		
Total Capacity	10.6kWh	15.9kWh	21.2kWh
Smoke Detection	Integrated		
Pressure Relief Valve	Integrated		
General			
Operating Temperature	14°F ~ 122°F/-10°C ~ 50°C		
Surge Arrester	AC/DC II/II		
Cooling Method	Natural Cooling		
Max. Operating Altitude	4000m		
Ingress Protection	IP67		
User Interface	LED/App/Web		
Communication	CAN/RS485/WIFI/4G/LAN/PLC		
Dimensions (W × H × D)	27.6 × 52.0 × 79" 700 × 1320 × 200mm	27.6 × 65.8 × 79" 700 × 1670 × 200mm	27.6 × 79.6 × 79" 700 × 2020 × 200mm
Weight	TOP module (103lb/46.4kg) × 1 + PACK (97lb/44kg) × N + base (13lb/5.6kg) × 1		
Mounting Method	Floor Mounted		
Certification	UL9540, UL9540A, UL1741, UL1973, CEC Listed, IEEE1547, IEEE1547A, IEEE1547.1, UN38.3, CSA C22.2 No. 1071-16, FCC15B		



Partial Home Backup



Whole Home Backup
(No old circuit adjustment)