

Stackable All-In-One Ess

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

Version 1.5-2606

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



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



Convenient Installation

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

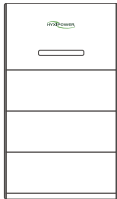


Ultimate Experience

- 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-AU



Product Model	HYX-H6K-HTA-AU	HYX-H9K-HTA-AU	HYX-H12K-HTA-AU	HYX-H15K-HTA-AU
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.			

Technical Specifications

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

Product Model	HYX-H6K-HTA-AU	HYX-H9K-HTA-AU	HYX-H12K-HTA-AU	HYX-H15K-HTA-AU
Max. Short Circuit Current	30Ad.c./60Ad.c.			
Number of MPPT	2			
PV Input Number (Number of String Per MPPT)	3 (1/2)			
AC Data				
Grid Type	3/N/PE, 220Vd.c./380Vd.c., 230Vd.c./400Vd.c., 240Vd.c./415Vd.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 Range (Inverter)	-30 to +60 °C			
Operating Temperature Range (Battery)	-10 to +50 °C			
Cooling Method	Natural Cooling			
Ingress Protection				
Dimensions (W × H × D)	700 × 1320 × 200mm	700 × 1670 × 200mm	700 × 2020 × 200mm	700 × 2370 × 200mm
Weight	155kg	205kg	255kg	305kg
Max. Operating Altitude	4000m			
User Interface	LED/App/Web			
Communication	CAN/RS485/WIFI/4G/LAN/PLC			

