



STACKABLE ALL-IN-ONE ESS

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

Automotive-Grade Safety

A+ Battery Cells

A+

10 Years*

Unlimited Cycle
Battery Warranty

VPP Ready

Dynamic Pricing &
Weather-Based Forecasting



AI-Powered

Real-Time Battery Health
Safeguard System

HYXiPULSE

Technical Specifications

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

Product Model	HYX-H6K-HTA	HYX-H9K-HTA	HYX-H12K-HTA	HYX-H15K-HTA
Batthey Capacity	10.6kWh	15.9kWh	21.2kWh	26.5kWh
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
Usable Capacity	10kWh	15kWh	20kWh	25kWh
DOD			95%	
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		TOP module (46.4kg)*1+PACK (44kg)*N+base (5.6kg)*1		
Max. Operating Altitude			4,000m	
User Interface			LED / App / Web	
Communication			CAN / RS485 / WIFI / 4G / LAN / PLC	

*The Cumulative Discharging Energy Throughput Energy for single battery is 18.3 MWh in 10 years (EOL70%)