Zhejiang Hyxi Technology Co., Ltd.

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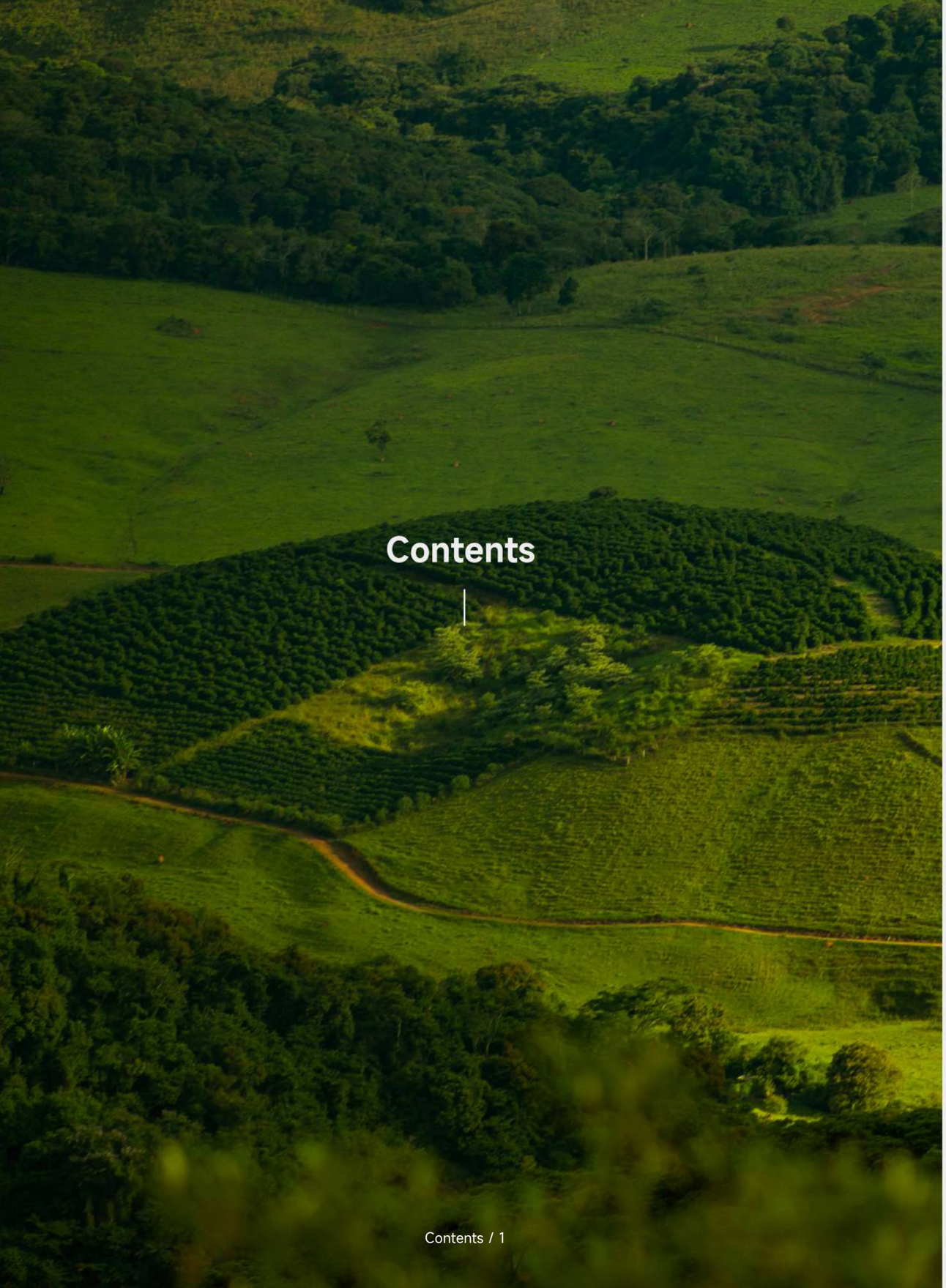


Contents

About HYXiPOWER

Zhejiang Hyxi Technology Co., Ltd. (referred to as “HYXiPOWER”) is a high-tech enterprise specializing in smart PV & ESS, integrating R&D, manufacturing, sales, and services.

The company offers products such as photovoltaic inverters, energy storage systems, and smart energy platforms. Dedicated in providing leading renewable energy solutions for residential, C&I, and utility-scale applications, HYXiPOWER is deeply engaged in power electronic topology, core algorithms, thermal management, magnetics, EMC, BMS, EMS, AI, and smart energy platforms.

With over 70 core intellectual properties and more than 200 certifications received from global institutions such as TÜV Rheinland, CSA, Bureau Veritas, and SGS, HYXiPOWER operates 12 Global Technical Service Centers (GTAC) across six continents, promoting a greener, low-carbon and sustainable future in collaboration with global partners.

Shaping the Infinite Future
Through the Power of Light

Our Core Value

Quality，Innovation，Efficiency，Win-Win

Our Mission

Enjoy Green Energy Globally

Our Vision

To Be the World-leading Provider of Smart Renewable Energy Solutions

SUPERFIVE

HYXiPOWER is committed to excellence through our “SUPER FIVE” concept

Super Service, Super Usability, Super Performance, Super ValuE, Super Reliability

It reflects our dedication to innovation and craftsmanship

Underpins our commitment to global sustainable energy development

Together, we pave the way to a greener, more sustainable world

Driving Green Energy Innovation
to Serve Global Customers

20+
Years R&D Experience

100+
Countries & Regions

24/7
Customer Support

70%
R&D Personnel

12
Global Technical Assistance Centers (GTACs)

200+
Local Professionals

70+
Core Intellectual Properties

14
Spare Parts Centers

1,000+
Service Partners

Top-Tier Manufacturing & Supply
40,000+ Square Meters of Excellence

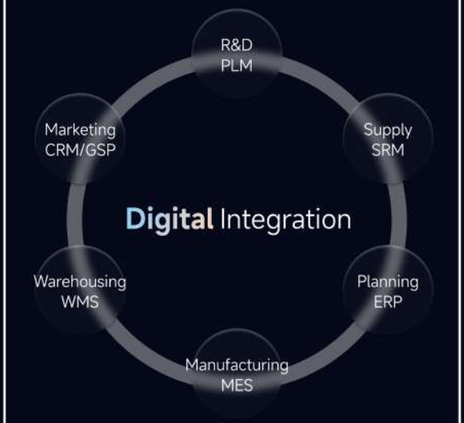
Green Production Line
Hangzhou · China | Main Production Base

AI Driven Smart Production
Jinhua · China | Battery Factory

Intelligent O&M

- Big Data Components
- Analysis Models
- BI Reports
- KPI Achievement
- Data Analysis
- Data Processing

Digital Integration



Automation

- ATS
- AGV
- AOI
- Automatic Gripping System
- Automatic Aging System

IOT

Sensing & Control

- HMI
- Sensor Networks
- Instruments And Meters
- Label Recognition
- .....

Safety and Quality Assured

300+ Advanced Experimental Capabilities

Committed for 25 Years of Reliability

Extreme Environment Test Ensures
Durability in Various Conditions

82-Day

Residential ESS Product
Environmental Reliability Load Test

Water Immersion Test

Freezing Test

Rainfall Test

22

Environmental
Reliability Tests

EMC Test

High Temperature Test

Salt Spray Test

Precision Testing for Ultimate Reliability

Achieved through Comprehensive Quality Assurance

124,000+

Cumulative Electrical Reliability Tests

1,300
Grid Phase Angle
Mutation Tests

9,125
Grid Overshoot
Event Test

18,250
Voltage
Fluctuation Test

9,000
Grid Disconnection
Event Tests

1,300
Grid Voltage Sag
Event Tests

200
Four-Phase Angle
Surge Tests

2,300+

Performance & Extreme Condition Tests

500+
Key Performance Tests

Including stress testing, MPPT efficiency, anti-backflow, battery efficiency, voltage adaptability, etc., ensuring safe operation

1,700+
Extreme Condition Tests

Covering weak grid adaptation, harmonic anomalies, load compatibility, low-light simulation, battery emergency test etc., ensuring robust reliability

200+ Global Certifications

Recognized by TÜV Rheinland, CSA, Bureau Veritas, SGS, etc.

Residential

ESS Solution

Overview

HYXiPOWER Residential ESS Solution combines PV generation and storage for self-consumption. Supporting both grid-connected and off-grid modes, it is ideal for areas with unstable grids or price fluctuations. Using high-safety lithium iron phosphate batteries, it ensures stable operation and provides emergency power during outages, offering an efficient and energy-saving energy management solution.

Highlight

High Efficiency

- PV and energy storage integrated
- High conversion efficiency to maximize revenue

Safe and Reliable

- Cell-level management
- Real-time monitoring of battery operation status

Flexible Design

- Real-time monitoring of home power operation
- Multi-mode free switching

Intelligent O&M

- Intelligent detection for comprehensive O&M

Residential ESS Solution

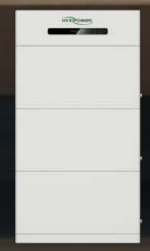
Smart Energy Platform

PV Modules

Hybrid Inverter

High Voltage Battery

Household Load



High Voltage Battery

DCS

Hybrid Inverter

Smart Energy Platform

Design and specifications are subject to change without notice.
Version 1.1-202506

HYBRID INVERTER
HYX-H3K/3K6/4K/ 4K6/5K/6K/8K-HS

Reliable

- Type II surge protection
- IP65,C4 salt spray design
- Support AFCI and RSD, ultimate peace of mind

Efficient

- 160% PV oversizing, 150% backup turbo output
- 80~490V wide battery voltage range, 35A fast charge/discharge
- 16A PV current wide adaptation

Simple

- 30mins quick installation
- Easy working mode, set and forget
- Automatic ON/OFF-Grid switching time <10ms

Intelligent

- Smart working logic
- Generator&heat pump control
- Mobile & PC platform management

Product Model	HYX-H3K-HS	HYX-H3K6-HS	HYX-H4K-HS	HYX-H4K6-HS	HYX-H5K-HS	HYX-H6K-HS	HYX-H8K-HS
PV Input							
Max. Array Power	6,000W	7,200W	8,000W	9,200W	10,000W	12,000W	1,6000W
Max. Input Power	3,000W / 1,800W	3,600W / 2,160W	4,000W / 2,400W	4,600W / 2,760W	5,000W / 3,000W	5,000W / 4,600W	6,400W / 6,400W
Max. Input Voltage	600V						
Start-up Voltage	50V						
Mppt Operating Voltage Range	80 - 560V						
Max. Input Current	32A (16 / 16)						
Max. Short-circuit Current	48A (24 / 24)						
Number of MPP Trackers	2						
PV input number(Number of String Per MPPT)	2 (1 / 1)						
AC Input / Output							
Nominal Power	3,000W	3,600W	4,000W	4,600W	5,000W	6,000W	8,000W
Max. Apparent Power	3,300VA	4,000VA	4,400VA	5,060VA	5,500VA	6,600VA	8,800VA
Nominal Current	13.6A	16.3A	18.1A	20.9A	22.7A	27.2A	36.3A
Max. Current	15.0A	18.0A	20.0A	23.0A	25.0A	30.0A	40.0A
Nominal Voltage	1 / N / PE, 220 / 230 / 240V						
AC Voltage Range	154 ~ 276V						
THDi	< 3%						
Frequency	50 / 45-55Hz; 60 / 55-65Hz						
Adjustable Power Factor	0.8 leading...0.8 lagging						
DC Current Injection	< 0.5% In						
Back-Up(AC Output)							
Nominal Output Power	3,000VA	3,600VA	4,000VA	4,600VA	5,000VA	6,000VA	8,000VA
Max. Continues Output Apparent Power	3,300VA	4,000VA	4,400VA	5,060VA	5,500VA	6,600VA	8,000VA
Peak Output Power	4,500W; 10s	5,400W; 10s	6,000W; 10s	6,900W; 10s	7,500W; 10s	9,000W; 10s	9600W; 10s
Max. Output Current	15.0A	18.0A	20.0A	23.0A	25.0A	30.0A	36.3A
Switch Time	< 10ms						
Battery							
Battery Type	Lithium-ion						
Battery Voltage Range	80 ~ 490V						
Max. Charge/Discharge Current	35A						
Max. Charge/Discharge Power	8,000W						
Efficiency							
Max. Efficiency	98.60%						
European Weighted Efficiency	98.20%						
MPPT Efficiency	99.90%						
Battery Charge/ Discharge Efficiency	97.50%						
Protection							
DC Insulation Resistance Detection	Yes						
Residual Current Monitoring	Yes						
DC Reverse Polarity Protection	Yes						
DC/AC Surge Protection	Type II						
DC Switch	Yes						
Anti-islanding Protection	Yes						
AC Over Current Protection	Yes						
AC Short-circuit Protection	Yes						
AC Over Voltage Protection	Yes						
Grounded Fault Detection	Yes						
Protective Class for All Ports	I						
Overvoltage Category for All Ports	DC II, AC III						
Active Anti-islanding Method	General Electric Frequency Shift						
General Data							
Operating Temperature Range	-25 to + 60°C						
Relative Operating Humidity	0 - 100 %RH						
Max. Operating Altitude	4,000m						
Cooling	Natural Cooling						
Display	LED / App / Web						
Communication	CAN / RS485 / WIFI / 4G / LAN						
Weight	20kg						
Dimensions (W*H*D)	522*416*177.6mm						
Degree of Protection	IP65						
Mounting	Wall Mounted						

Design and specifications are subject to change without notice.
Version 1.2-202506

HIGH VOLTAGE BATTERY
HYX-E50/100/ 150/200-H

Safety

- Automotive grade battery
- Smog detecting, pressure relief valve
- Reliable IP65, C4 design to satisfy multi-scenario applications

Performance

- 35A max charge/discharge current
- LiFePO4 cell configuration, long cycle life (>6000).
- Optional heating module, wider application scenarios

Simplicity

- Handle portable module, flat modular design, space-saving
- Flexible stacking, efficient installation, plug-and-play
- Multiple and flexible power options (5-20kWh compatibility)

Intelligent

- All in one platform monitoring
- Remote control and upgrade

Technical Specifications

Battery System	HYX-E50-H	HYX-E100-H	HYX-E150-H	HYX-E200-H
Nominal Battery Energy	5.3kWh	10.6kWh	15.9kWh	21.2kWh
Available Energy	4.5kWh	9.0kWh	13.5kWh	18.0kWh
Nominal Voltage	102.4V	204.8V	307.2V	409.6V
Working Voltage	86.4 - 115.2V	172.8 - 230.4V	259.2 - 345.6V	345.6 - 460.8V
Nominal Output Power	3.0kW	6.0kW	9.0kW	12.0kW
Cell Type	LiFePO4			
Max. Charging/Discharging Current	35A			
SOC Indicator	4*LED (25%, 50%, 75%, 100%)			
State Indicator	2*LED (work, alarm)			
Communication	CAN, RS485			
Working Temperature	0 - 50°C (heating version-20 ~ 50°C)			
Ingress Protection Rating	IP65			
Working Humidity	5 - 95%RH			
Working Altitude	< 4,000m			
Depth of Discharge	85%			
Warranty	10 years or 6000 + Cycle(>70% EOL)			
Dimensions (W*H*D)	700*600*200mm	700*950*200mm	700*1300*200mm	700*1650*200mm
Net Weight	65kg	115kg	165kg	215kg
Alarms	Over charge / Over discharge/Over current / Over temperature / Short Circuit			

BMS module	HYX-EBDU-H
Max Charging/Discharging Current	35A
Charge Strategy	Self-Adaption
Communication	CAN、RS485

Battery module	HYX-E50B-H
Nominal Battery Energy	5.3kWh
Available Energy	4.5kWh
Max Charging/Discharging Current	35A
Max Charging/Discharging Power	3.5kW

Design and specifications are subject to change without notice.
Version 1.2-202506

HYBRID INVERTER
HYX-H5K/6K/8K/ 10K/12K-HT

Reliable

- Type II surge protection
- IP65,C4 salt spray design
- Support AFCI and RSD, ultimate peace of mind

Efficient

- 160% PV oversizing + 150% backup turbo output
- 150~600V wide battery voltage range, 40A fast charge/discharge
- 18A PV current wide adaptation

Simple

- 30mins quick installation
- Easy working mode, set and forget
- Automatic ON/OFF-Grid switching time <10ms

Intelligent

- Smart working logic
- Generator & heat pump control
- Mobile & PC platform management

Product Model	HYX-H5K-HT	HYX-H6K-HT	HYX-H8K-HT	HYX-H10K-HT	HYX-H12K-HT
PV Input					
Max. Array Power	10,000W	12,000W	16,000W	20,000W	24,000W
Max. Input Power	5,000W / 3,000W	6,000W / 4,000W	6,400W / 6,400W	6,400W / (4,800W/4,800W)	6,400W / (6,400W/6,400W)
Max. Input Voltage	1,000V				
Start-up Voltage	160V				
MPPT Operating Voltage Range	140 - 980V				
Max. Input Current	36A (18 / 18)	36A (18 / 18)	36A (18 / 18)	54A (18 / 18*2)	54A (18 / 18*2)
Max. Short-circuit Current	60A (30 / 30)	60A (30 / 30)	60A (30 / 30)	90A (30 / 30*2)	90A (30 / 30*2)
Number of MPP Trackers	2				
PV input number(Number of String Per MPPT)	2 (1 / 1)	2 (1 / 1)	2 (1 / 1)	3 (1 / 2)	3 (1 / 2)
AC Input / Output					
Nominal Output Power	5,000W	6,000W	8,000W	10,000W	12,000W
Max. Output Apparent Power	5,500VA	6,600VA	8,800VA	11,000VA	13,200VA
Max. Input Apparent Power	11,000VA	13,200VA	17,600VA	22,000VA	26,400VA
Nominal Output Current	7.6A	9.1A	12.2A	15.2A	18.2A
Max. Output Current	8.4A	10A	13.4A	16.7A	20A
Max. Input Current	16.7A	20A	26.7A	33.4A	40A
Nominal Output Voltage	3 / N / PE, 220 / 380V, 230 / 400V, 240 / 415V				
THDi	< 3%				
Frequency	45~55Hz; 55~65Hz				
Adjustable Power Factor	0.8 leading...0.8 lagging				
DC Current Injection	< 0.5% In				
Back-Up(AC Output)					
Nominal Output Power	5,000VA	6,000VA	8,000VA	10,000VA	12,000VA
Max. Continues Output Apparent Power	5,500VA	6,600VA	8,800VA	11,000VA	13,200VA
Peak Output Power	7,500W; 10s	9,000W; 10s	12,000W; 10s	15,000W; 10s	15,000W; 10s
Nominal Output Current	7.6A	9.1A	12.2A	15.2A	18.2A
Max. Output Current	11.4A	13.7A	18.2A	22.8A	27.3A
Switch Time	< 10ms				
Battery					
Battery Type	LiFePO4				
Battery Voltage Range	150 - 600V				
Max. Charge/Discharge Current	40A				
Max. Charge/Discharge Power	5,500W	6,600W	8,800W	11,000W	13,200W
Efficiency					
Max. Efficiency	98.60%				
European Weighted Efficiency	98.20%				
MPPT Efficiency	99.90%				
Battery Charge/ Discharge Efficiency	97.50%				
Protection					
DC Insulation Resistance Detection	Yes				
Residual Current Monitoring	Yes				
DC Reverse Polarity Protection	Yes				
DC/AC Surge Protection	Type II				
DC Switch	Yes				
Anti-islanding Protection	Yes				
AC Over Current Protection	Yes				
AC Short-circuit Protection	Yes				
AC Over Voltage Protection	Yes				
Grounded Fault Detection	Yes				
General Data					
Operating Temperature Range	-30 to + 60°C				
Relative Operating Humidity	0 - 100 %RH				
Max. Operating Altitude	4,000m				
Cooling	Natural Cooling				
Display	LED / App / Web				
Communication	CAN / RS485 / WIFI / 4G / LAN				
Weight	34kg				
Dimensions (W*H*D)	542*478*186mm				
Degree of Protection	IP65				
Mounting	Wall Mounted				

Design and specifications are subject to change without notice.
Version 1.1-202506

HYBRID INVERTER
HYX-H15K/20K/ 25K-HT

Reliable

- Type II surge protection
- IP65,C4 salt spray design
- Support AFCI and RSD, ultimate peace of mind

Efficient

- 160% PV oversizing, 150% backup turbo output
- 150~600V wide battery voltage range, 60A fast charge/discharge
- 20A PV current wide adaptation

Simple

- 30mins quick installation
- Easy working mode, set and forget
- Automatic ON/OFF-Grid switching time <10ms

Intelligent

- Smart working logic
- Generator & heat pump control
- Mobile & PC platform management

Technical Specifications

Product Model	HYX-H15K-HT	HYX-H20K-HT	HYX-H25K-HT
PV Input			
Max. Array Power	30,000W	40,000W	50,000W
Max. Input Power	6,000W / 6,000W / 6,000W / 6,000W	8,000W / 8,000W / 8,000W / 8,000W	10,000W / 10,000W / 10,000W / 10,000W
Max. Input Voltage	1,100V		
Start-up Voltage	160V		
MPPT Operating Voltage Range	140 - 1,000V		
Max. Input Current	80A (20*2 / 20*2)		
Max. Short-circuit Current	120A (30*2 / 30*2)		
Number of MPP Trackers	2		
PV input number (Number of String Per MPPT)	4 (2 / 2)		
AC Input / Output			
Nominal Input / Output Apparent Power	31,500VA / 15,000VA	42,000VA / 20,000VA	52,500VA / 25,000VA
Max. Input / Output Apparent Power	33,000VA / 16,500VA	44,000VA / 22,000VA	55,000VA / 27,500VA
Nominal Input / Output Current	47.8A / 22.8A	63.7A / 30.4A	79.5A / 37.9A
Max. Input / Output Current	50.0A / 25.0A	66.7A / 33.4A	83.4A / 41.7A
Nominal Output Voltage	3 / N / PE, 220 / 380V, 230 / 400V, 240 / 415V		
THDi	< 3%		
Output Voltage Range	304 - 476V		
Frequency	50 / 60Hz		
Adjustable Power Factor	0.8 leading...0.8 lagging		
DC Current Injection	< 0.5% In		
Back-Up(AC Output)			
Nominal Output Power	15,000W	20,000W	25,000W
Max. Continues Output Apparent Power	16,500VA	22,000VA	27,500VA
Peak Output Power	22,500W; 10s	30,000W; 10s	30,000W; 10s
Nominal Output Current	22.8A	30.4A	37.9A
Max. Output Current	34.1A	45.5A	56.9A
Switch Time	< 10ms		
Battery			
Battery Type	LiFePO4		
Battery Voltage Range	150 ~ 600V		
Max. Charge/Discharge Current	60A		
Max. Charge Power	16,500W	22,000W	27,500W
Max. Discharge Power	15,000W	20,000W	25,000W
Efficiency			
Max. Efficiency	98.60%		
European Weighted Efficiency	98.20%		
MPPT Efficiency	99.90%		
Battery Charge/ Discharge Efficiency	97.70%		
Protection			
DC Insulation Resistance Detection	Yes		
Residual Current Monitoring	Yes		
DC Reverse Polarity Protection	Yes		
DC/AC Surge Protection	Type II		
DC Switch	Yes		
Anti-islanding Protection	Yes		
AC Over Current Protection	Yes		
AC Short-circuit Protection	Yes		
AC Over Voltage Protection	Yes		
Grounded Fault Detection	Yes		
General Data			
Operating Temperature Range	-30 to + 60°C		
Relative Operating Humidity	0 - 100 %RH		
Max. Operating Altitude	4,000m		
Cooling	Natural Cooling	Fan Cooling	Fan Cooling
Display	LED / App / Web		
Communication	CAN / RS485 / PLC / WIFI / 4G / LAN		
Weight	45kg		
Dimensions (W*H*D)	658*523*220mm		
Degree of Protection	IP65		
Mounting	Wall Mounted		

Design and specifications are subject to change without notice.
Version 1.0-2025

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

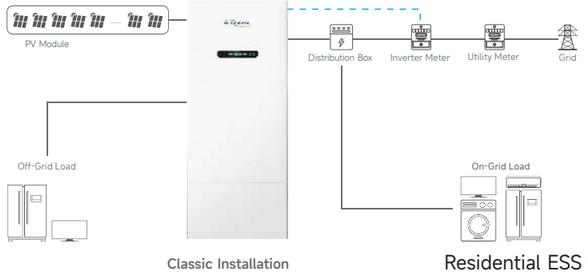
- Industry-first zero injection without meter/CT
- 160% overload capacity, 150% instant off-grid overload
- UPS-grade seamless on/off-grid switching
- Three-phase unbalanced output for max. PV utilization

Ultimate Experience

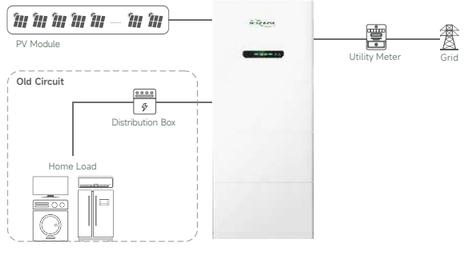
- Automotive-grade BMS for efficient energy management
- Scenario-based app with real-time energy monitoring
- AI-powered cloud with 24/7 alerts and optimization
- Intelligent control for generators and heat pumps

Technical Specifications

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 ℃			
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			



Classic Installation



New Installation
(No old circuit adjustment)

C&I PV and ESS Solution

Overview

HYXiPOWER C&I PV and ESS Solution combines PV generation and storage systems to enable self-consumption, peak shaving, and Time-of-use (TOU) arbitrage. It optimizes energy use, stores electricity during low-price periods, and releases it during peak times, reducing electricity costs. Supporting both grid-connected and off-grid modes, it suits areas with unstable grids or price fluctuations. The system uses high-safety lithium iron phosphate batteries for stable, efficient operation, driving both energy savings and economic benefits.

Highlight

Safe and Reliable

- Superior algorithms to ensure equipment stability
- Safeguard system operation during off-grid

High Efficiency

- Meeting daytime power needs, reducing reliance on the grid
- Surplus electricity can be sold to the grid, maximizing returns

Eco-Friendly

- Reduce carbon emissions

Intelligent O&M

- Real-time monitoring, remote maintenance
- One-stop O&M interface

Design and specifications are subject to change without notice.
Version 1.4-2025 (Preliminary)

AIR COOLING ESS

HYX-EF215P2-M
HYX-EF215P2-MS

Ultimate Performance, Light Storage Fusion

- Integrated photovoltaic input function
- Supports 8 units parallel on grid, system can cover 100kW/215kWh~800kW/1.72MWh
- Supports 4 units parallel off grid, system can cover 100kW/215kWh~400kW/860kWh
- Single unit supports seamless switching, off-grid switching time ⩽ 20ms
- Three-phase four-bridge arm architecture supports single-phase 100% unbalanced load function
- Support pure grid connection, pure off-grid, and combined operation

Safety & Reliable Performance

- Multi-level fire protection system
- Battery compartment and electrical compartment are isolated
- Certification: UN38.3, CE, IEC62619, 1.2m drop test, IEC 62477, IEC 61000

Multi-strategy Applications

- Integration of EMS inside
- Support peak shaving and valley filling, demand control, emergency backup power supply and other power consumption strategies
- Support MQTT protocol and IEC104 protocol, can participate in peak and frequency modulation

Easy to Install & Maintain

- Pre-installation and pre-test are available at the factory, Quick on-site construction wiring installation
- Support hoisting/fork construction methods
- Modular design, maintenance worry-free
- Remote O&M management, support WEB, Cloud & APP

Technical Specifications

Product Model	HYX-EF215P2-M	HYX-EF215P2-MS
Battery Rating		
Battery Type	LiFePO4	
Cell Capacity	280Ah	
Battery Configuration	1P240S	
Nominal Voltage/Voltage Range	768/672-864V	
Nominal Capacity	215kWh	
Maximum Charge/Discharge Current	280A	
Nominal Charge/Discharge Current	140A	
Calendar Life	6,000 / 70%EOL (25±2°C, 0.5P)	
PV Rating		
Maximum Voltage	900V	
Voltage Range	310-650V	
Max. Input Current	165A	
Iss Current	165A	
AC Grid Rating		
Nominal Input/Output Voltage	3L/N/PE, 400/230V	
Nominal Frequency	50/60Hz	
Nominal Input/Output Power	100kW	
Max. Input/Output Apparent Power	110kVA	
Nominal Input/Output AC Current	145A	
Nominal Input/Output AC Current	160A	
Power Factor	-0.99% ~ +0.99%, At nominal power	
AC Backup Rating		
Nominal Voltage	/	3L/N/PE, 400/230V
Nominal Frequency	/	50/60Hz (-2.5 to +2.5Hz)
Max. Output AC Current	/	160A
Max. Active Power	/	100kW
Power Factor	/	-0.99% ~ +0.99%, At nominal Power
General Data		
System Parallel Units	8 (On-grid), 4 (Off-grid)	
Operating Temperature Range	-20 to 50°C	
Operating Humidity Range	0 - 95%RH	
Noise	⩽ 75dB	
Dimensions (W*H*D)	1730*2200*1170mm	
Weight	3000kg	
Protection Degree	IP54	
Cooling Method	Air Cooling	
Fire Protection Method	Aerosol Fire Suppression	
Max. Operating Altitude	⩽ 2,000m	
Networking Mode	WIFI / LAN / 4G(Optional)	

Preliminary

Design and specifications are subject to change without notice.
Version 1.0-2025 (Preliminary)

HYBRID ESS CABINET

50-125kW
215kWh

Safe & Reliable

- A+ grade cells with automotive-grade standard
- Five-level safety design
- 300m AFCI detection with 0.5s rapid shutdown
- Support three-phase unbalance output
- IP66 for inverter, IP55 for cabinet

Convenient & User-Friendly

- Compact & Lightweight Design, pre-installed for easy installation
- Flexible parallel connection of cabinets
- App-based quick setup, simple and efficient

Profitable & Efficient

- PV-ESS integrated, lower system cost
- AI dynamic MPPT, boosting power generation by 5%
- DC coupled solution, higher system efficiency

Smart & Manageable

- Three-phase wiring sequence adaptive, easy system wiring
- Support on&off grid switching, suitable for various application scenarios
- Real-time monitoring with OTA for online maintenance

Technical Specifications

Product Model	HYX-H50K-ET	HYX-H75K-ET	HYX-H99K9-ET
DC Input (PV)			
Max. Input Voltage		1,100V[1]	
Rated Input Voltage		650V	
Start-up Voltage		160V	
MPPT Operating Voltage Range		140V - 1,000V	
Max. Input Current per MPPT		40A	
Max. Input Current per String		20A	
Max. Short-circuit Current per MPPT		50A	
Number of MPPT	4	6	8
Number of Input	8	12	16
Max. Backfilling Current		0A	
DC Input (Battery)			
Rated Input Voltage		768V	
Battery Voltage Range		600V - 950V	
Max. Charge/Discharge Current	80.8A	121.3A	161.7A
AC Output			
AC Output Power	50kW	75kW	99.9kW
Max. Apparent Power	55kVA	82.5kVA	109.9kVA
Rated Output Voltage		220/380V，230/400V，3L/N/PE	
AC Grid Frequency		50 / 60Hz	
Rated Output Current	75.9A/380V 72.1A/400V	113.9A/380V 108.2A/400V	151.9A/380V 144.3A/400V
Max. Output Current	83.5A/380V 79.4A/400V	125.3A/380V 119.0A/400V	167.1A/380V 158.7A/400V
Adjustable Power Factor		> 0.99 / 0.8 leading...0.8 lagging	
Three Phase Unbalanced Output		100% Unbalanced Output	
THDi		< 3%	
Efficiency			
Max. Efficiency		98.5%	
European Weighted Efficiency		98.0%	
MPPT Efficiency		99.9%	
Protection			
Active Anti-islanding Protection		Yes	
Residual Current Monitoring		Yes	
DC Reverse Polarity Protection		Yes	
DC Switch		Yes	
DC Overvoltage Protection		Yes	
DC Overcurrent Protection		Yes	
AC Overfrequency/Underfrequency Protection		Yes	
AC Short-Circuit Protection		Yes	
AC Overvoltage Protection		Yes	
AC Overcurrent Protection		Yes	
DC Surge Protection		Type II	
AC Surge Protection		Type II	
Ground Fault Detection		Yes	
AFCI		Optional	
PID Recovery		Optional	
General Data			
Operating Temperature Range		-30 to + 60°C	
Relative Operating Humidity		0 - 100% RH	
Max. Operating Altitude		4,000m	
Cooling		Smart Air Cooling	
Display		LED+APP	
Communication		RS485 / 4G / WIFI / HPLC	
Weight		95kg	
Dimensions (W*H*D)		880*760*340mm	
Topology		Non-Isolated	
Degree of Protection		IP66	

1: When connected to the battery cabinet, the maximum PV input voltage is 650V.

Preliminary

Hybrid ESS Cabinet **Inverter**

Technical Specifications

Product Model	HYX-H100K-ET	HYX-H110K-ET	HYX-H125K-ET
DC Input (PV)			
Max. Input Voltage		1,100V[1]	
Rated Input Voltage		650V	
Start-up Voltage		160V	
MPPT Operating Voltage Range		140V - 1,000V	
Max. Input Current per MPPT		40A	
Max. Input Current per String		20A	
Max. Short-circuit Current per MPPT		50A	
Number of MPPT		8	
Number of Input		16	
Max. Backfilling Current		0A	
DC Input (Battery)			
Rated Input Voltage		768V	
Battery Voltage Range		600V - 950V	
Max. Charge/Discharge Current	161.7A	177.9A	183.8A
AC Output			
AC Output Power	100kW	110kW	125kW
Max. Apparent Power	110kVA	121kVA	125kVA
Rated Output Voltage		220/380V，230/400V，3L/N/PE	
AC Grid Frequency		50 / 60Hz	
Rated Output Current	151.9A/380V 144.3A/400V	167.1A/380V 158.7A/400V	189.9A/380V 180.4A/400V
Max. Output Current	167.1A/380V 158.7A/400V	183.8A/380V 174.6A/400V	189.9A/380V 180.4A/400V
Adjustable Power Factor		> 0.99 / 0.8 leading...0.8 lagging	
Three Phase Unbalanced Output		100% Unbalanced Output	
THDi		< 3%	
Efficiency			
Max. Efficiency		98.5%	
European Weighted Efficiency		98.0%	
MPPT Efficiency		99.9%	
Protection			
Active Anti-islanding Protection		Yes	
Residual Current Monitoring		Yes	
DC Reverse Polarity Protection		Yes	
DC Switch		Yes	
DC Overvoltage Protection		Yes	
DC Overcurrent Protection		Yes	
AC Overfrequency/Underfrequency Protection		Yes	
AC Short-Circuit Protection		Yes	
AC Overvoltage Protection		Yes	
AC Overcurrent Protection		Yes	
DC Surge Protection		Type II	
AC Surge Protection		Type II	
Ground Fault Detection		Yes	
AFCI		Optional	
PID Recovery		Optional	
General Data			
Operating Temperature Range		-30 to + 60°C	
Relative Operating Humidity		0 - 100% RH	
Max. Operating Altitude		4,000m	
Cooling		Smart Air Cooling	
Display		LED+APP	
Communication		RS485 / 4G / WIFI / HPLC	
Weight		95kg	
Dimensions (W*H*D)		880*760*340mm	
Topology		Non-Isolated	
Degree of Protection		IP66	

1: When connected to the battery cabinet, the maximum PV input voltage is 650V.

Preliminary

Hybrid ESS Cabinet **Battery**

Technical Specifications

Product Model	HYX-BOA215
Technical Parameter	
Battery Type	LiFePO4
Battery Module Capacity	14.336kWh
Battery Module Nominal Voltage	51.2V
Battery Module Qty In Series	15
System Nominal Voltage	768V
System Operating Voltage	672V - 864V
System Capacity	215kWh
Charge/Discharge Current	Recommend: 140A / Maximum: 170A (60s)
Calendar Life	≥6000 (25±2°C, 0.5C / 0.5C, 70%EOL)
General Parameter	
Operating Temperature Range	Charge: 0 to +55°C / Discharge: -20 to +55°C
Operating Humidity Range	0 - 95% RH
Max. Operating Altitude	≤2000m
Cooling Method	Smart Air Cooling
Protection Degree	IP54
Dimensions (W*H*D)	1440*2200*1170mm
Weight	2700kg
Communication	CAN
Installation Location	Outdoor
Fire Protection Method	Aerosol Fire Suppression
Networking Mode	WIFI / LAN

Preliminary

Residential

PV Solution

Overview

HYXiPOWER Residential PV Solution enhances system reliability and power generation efficiency through a design where each module operates independently. Its flexible configuration adapts to various roof types, offering easy installation and suitability for different household scenarios. Combined with inverters and real-time monitoring, the system enables efficient energy management, optimizes power generation, reduces electricity costs, and helps users maximize self-consumption of green energy.

Highlight

Ultimate Safety

- Type II DC/AC surge protection
- Optional AFCI

High Efficiency

- 20A Max. DC input current, 98.5% high conversion efficiency
- 160% over-sizing, maximizing returns

User-Friendly

- One-click power station configuration
- Visualized data and information interface

Intelligent O&M

- IV curve smart diagnosis

Residential PV Solution

PV Modules

Smart Energy Platform

Household Load

DCS

Distribution Box

String Inverter

String Inverter

DCS

OP700 Optimizer

Smart Energy Platform

Design and specifications are subject to change without notice.
Version 1.1-202506

STRING INVERTER
HYX-S3K/3K6/4K/ 4K6/5K/6K-S

Reliable

- Type II surge protection
- 200m detection distance of AFCI, shutdown within 0.5 second at fastest
- IP66, suitable for harsh installation environment

Efficient

- 160% DC oversizing, wide MPPT voltage range
- 98.2% conversion efficiency
- 18A high current, compatible with major module types

Simple

- Minimalist and stylish product design
- Three-step quick installation
- Rapid APP configuration, efficient and convenient

Intelligent

- APP intelligent O&M, all-weather power station management
- Visual display, energy gain and data updated in real time
- Intelligent IV curve diagnosis, fast debugging

Technical Specifications

Product Model	HYX-S3K-S	HYX-S3K6-S	HYX-S4K-S	HYX-S4K6-S	HYX-S5K-S	HYX-S6K-S
PV Input						
Max. Input Power	4,800W	5,760W	6,400W	7,360W	8,000W	9,600W
Max. Input Voltage	600V					
Nominal Input Voltage	360V					
Start-up Voltage	100V					
MPPT Operating Voltage Range	80 - 560V					
MPPT Full Load Voltage Range	200 - 500V					
Max. Input Current Per MPPT	18A					
Max. Short-Circuit Current	24A					
Number of MPP Trackers	2					
Max. Input Number Per MPP Tracker	1 / 1					
AC Output						
Nominal Output Power	3,000W	3,600W	4,000W	4,600W	5,000W	6,000W
Max. Apparent Power	3,300VA	3,960VA	4,400VA	5,060VA	5,500VA	6,600VA
Nominal Output Voltage	1 / N / PE, 220V / 230V / 240V					
Nominal AC Grid Frequency	50 / 60Hz					
Nominal Output Current	13.6A	16.4A	18.2A	20.9A	22.7A	27.3A
Max. Output Current	15.0A	18.0A	20.0A	23.0A	25.0A	30.0A
Adjustable Power Factor	0.8 leading...0.8 lagging					
THDi	< 3%					
Efficiency						
Max. Efficiency	98.2%					
European Weighted Efficiency	97.6%					
MPPT Efficiency	99.9%					
Protection						
Active Anti-islanding Protection	General Electric Frequency Shift					
Residual Current Monitoring	Yes					
DC Reverse Polarity Protection	Yes					
DC Switch	Yes					
AC Short-circuit Protection	Yes					
AC Overvoltage Protection	Yes					
AC Overcurrent Protection	Yes					
DC Surge Protection	Type II					
AC Surge Protection	Type II					
Ground Fault Detection	Yes					
AFCI	Yes					
General Data						
Operating Temperature Range	-25 to + 60°C					
Relative Operating Humidity	0 - 100 %RH					
Operating Altitude	4,000m					
Cooling	Natural Cooling					
Display	LED+App					
Communication	RS485 / 4G / WIFI					
Weight	11.6kg					
Dimensions (W*H*D)	340*360*136mm					
Topology	Non-Isolated					
Degree of Protection	IP66					
Overvoltage Level	PV II / AC III					

Design and specifications are subject to change without notice.
Version 1.1-202506

STRING INVERTER

HYX-S7K/8K/9K/ 10K/12K-S

Reliable

- Type II surge protection
- 200m detection distance of AFCI, shutdown within 0.5 second at fastest
- IP66, suitable for harsh installation environment

Efficient

- 160% DC oversizing, wide MPPT voltage range
- 98.3% conversion efficiency
- 20A large current, compatible with major module types

Simple

- Minimalist and stylish product design
- Three-step quick installation
- Rapid APP configuration, efficient and convenient

Intelligent

- APP intelligent O&M, all-weather power station management
- Visual display, energy gain and data updated in real time
- Intelligent IV curve diagnosis, fast debugging

Technical Specifications

Product Model	HYX-S7K-S	HYX-S8K-S	HYX-S9K-S	HYX-S10K-S	HYX-S12K-S
PV Input					
Max. Input Power	11,200W	12,800W	14,400W	16,000W	19,200W
Max. Input Voltage	600V				
Nominal Input Voltage	360V				
Start-up Voltage	80V				
MPPT Operating Voltage Range	40 - 560V				
MPPT Full Load Voltage Range	200 - 500V				
Max. Input Current Per MPPT	20A / 20A	20A / 20A	20A / 20A / 20A	20A / 20A / 20A	20A / 20A / 20A
Max. Short-Circuit Current	24A / 24A	24A / 24A	24A / 24A / 24A	24A / 24A / 24A	24A / 24A / 24A
Number of MPP Trackers	2	2	3	3	3
Max. Input Number Per MPP Tracker	1 / 1	1 / 1	1 / 1 / 1	1 / 1 / 1	1 / 1 / 1
AC Output					
Nominal Output Power	7,000W	8,000W	9,000W	10,000W	12,000W
Max. Apparent Power	7,700VA	8,800VA	9,900VA	11,000VA	13,200VA
Nominal Output Voltage	1 / N / PE, 220 / 230 / 240V				
Nominal AC Grid Frequency	50 / 60Hz				
Nominal Output Current	31.8A / 220V 30.4A / 230V 29.2A / 240V	36.4A / 220V 34.8A / 230V 33.3A / 240V	40.9A / 220V 39.1A / 230V 37.5A / 240V	45.5A / 220V 43.5A / 230V 41.7A / 240V	54.5A / 220V 52.2A / 230V 50A / 240V
Max. Output Current	35A / 220V 33.4A / 230V 32.1A / 240V	40A / 220V 38.3A / 230V 36.7A / 240V	45A / 220V 43A / 230V 41.3A / 240V	50A / 220V 47.9A / 230V 45.8A / 240V	60A / 220V 57.42A / 230V 55A / 240V
Adjustable Power Factor	0.8 leading...0.8 lagging				
THDi	< 3%				
Efficiency					
Max. Efficiency	98.3%				
European Weighted Efficiency	97.6%				
MPPT Efficiency	99.9%				
Protection					
Active Anti-islanding Protection	General Electric Frequency Shift				
Residual Current Monitoring	Yes				
DC Reverse Polarity Protection	Yes				
DC Switch	Yes				
AC Short-circuit Protection	Yes				
AC Overvoltage Protection	Yes				
AC Overcurrent Protection	Yes				
DC Surge Protection	Type II				
AC Surge Protection	Type II				
Ground Fault Detection	Yes				
AFCI	Yes				
General Data					
Operating Temperature Range	-30 to + 60°C				
Relative Operating Humidity	0 - 100 %RH				
Operating Altitude	4,000m				
Cooling	Natural Cooling				
Display	LED+App				
Communication	RS485 / 4G / WIFI				
Weight	23kg				
Dimensions (W*H*D)	522*416*162.5mm				
Topology	Non-Isolated				
Degree of Protection	IP66				
Overvoltage Level	PV II / AC III				
Optimizer Model	HYX-OP700				

Design and specifications are subject to change without notice.
Version 1.2-202506

STRING INVERTER
HYX-S8K/10K/12K-T

Reliable

- Type II surge protection
- 200m detection distance of AFCI, shutdown within 0.5 second at fastest
- IP66, suitable for harsh installation environment

Efficient

- 160% DC oversizing, 98.5% conversion efficiency, wide MPPT voltage range
- Support PLC communication and adapt to optimizer
- 18A large current, compatible with major module types

Simple

- Minimalist and stylish product design
- Three-step quick installation
- Rapid APP configuration, efficient and convenient

Intelligent

- APP intelligent O&M, all-weather power station management
- Visual display, energy gain and data updated in real time
- Intelligent IV curve diagnosis, fast debugging

Product Model	HYX-S8K-T	HYX-S10K-T	HYX-S12K-T
PV Input			
Max. Input Power	12,800W	16,000W	19,200W
Max. Input Voltage	1,100V		
Nominal Input Voltage	600V		
Start-up Voltage	160V		
MPPT Operating Voltage Range	140 - 1,000V		
MPPT Full Load Voltage Range	330 - 850V		
Max. Input Current Per MPPT	18A		
Max. Short-Circuit Current	24A		
Number of MPP Trackers	2		
Max. Input Number Per MPP Tracker	1 / 1		
AC Output			
Nominal Output Power	8,000W	10,000W	12,000W
Max. Apparent Power	8,800VA	11,000VA	13,200VA
Nominal Output Voltage	3L / N / PE, 220 / 380V, 230 / 400V		
Nominal AC Grid Frequency	50 / 60Hz		
Nominal Output Current	12.2A / 380V 11.5A / 400V	15.2A / 380V 14.4A / 400V	18.2A / 380V 17.3A / 400V
Max. Output Current	13.5A / 380V 12.7A / 400V	16.9A / 380V 15.8A / 400V	20.1A / 380V 19.1A / 400V
Adjustable Power Factor	0.8 leading...0.8 lagging		
THDi	< 3%		
Efficiency			
Max. Efficiency	98.5%		
European Weighted Efficiency	98.1%		
MPPT Efficiency	99.9%		
Protection			
Active Anti-islanding Protection	General Electric Frequency Shift		
Residual Current Monitoring	Yes		
DC Reverse Polarity Protection	Yes		
DC Switch	Yes		
AC Short-circuit Protection	Yes		
AC Overvoltage Protection	Yes		
AC Overcurrent Protection	Yes		
DC Surge Protection	Type II		
AC Surge Protection	Type II		
Ground Fault Detection	Yes		
AFCI	Yes		
General Data			
Operating Temperature Range	-30 to + 60°C		
Relative Operating Humidity	0 - 100 %RH		
Operating Altitude	4,000m		
Cooling	Smart Air Cooling		
Display	LED+App		
Communication	RS485 / 4G / WIFI		
Weight	21kg		
Dimensions (W*H*D)	522*416*162.5mm		
Topology	Non-Isolated		
Degree of Protection	IP66		
Overvoltage Level	PV II / AC III		
Optimizer Model	HYX-OP700		

Design and specifications are subject to change without notice.
Version 1.3-202412

STRING INVERTER
HYX-S15K/17K/ 20K/25K-T

Safe & Reliable

- IP66, 1400+ cumulative rigorous tests
- PV optimizers compatible, module-level shutdown
- Type II DC/AC surge protection, lightning-proof
- 300m AFCI detection with 0.5s rapid shutdown

Convenient & User-Friendly

- Compact and lightweight design, plug-and-play installation
- App-based quick setup
- Intelligent layout with rapid module-level visualization

Profitable & Efficient

- 160% PV oversizing for extended output
- 40A design, ideal for high-power modules
- 98.5% efficiency with wide MPPT range

Smart & Manageable

- Module-level monitoring for precise fault positioning
- Intelligent IV diagnostics for precise fault identification
- Scenario-based app with real-time energy monitoring

Technical Specifications

Product Model	HYX-S15K-T	HYX-S17K-T	HYX-S20K-T	HYX-S25K-T
PV Input				
Max. Input Power	24,000W	27,200W	32,000W	40,000W
Max. Input Voltage	1,100V			
Nominal Input Voltage	600V			
Start-up Voltage	160V			
MPPT Operating Voltage Range	140 - 1,000V			
MPPT Full Load Voltage Range	315 - 850V			
Max. Input Current Per MPPT	40A			
Max. Input Current Per String	20A			
Max. Short-Circuit Current	50A			
Number of MPPT	2			
Max. Input Number Per MPPT	2 / 2			
AC Output				
Nominal Output Power	15,000W	17,000W	20,000W	25,000W
Max. Apparent Power	16,500VA	18,700VA	22,000VA	27,500VA
Nominal Output Voltage	3L / N / PE, 220 / 380V, 230 / 400V			
Nominal AC Grid Frequency	50 / 60Hz			
Nominal Output Current	22.8A / 380V 21.7A / 400V	25.8A / 380V 24.5A / 400V	30.4A / 380V 28.9A / 400V	38.0A / 380V 36.1A / 400V
Max. Output Current	25.2A / 380V 23.9A / 400V	28.6A / 380V 27.1A / 400V	33.6A / 380V 31.9A / 400V	42.0A / 380V 39.9A / 400V
Adjustable Power Factor	0.8 leading...0.8 lagging			
THDi	< 3%			
Efficiency				
Max. Efficiency	98.5%			
European Weighted Efficiency	98.2%			
MPPT Efficiency	99.9%			
Protection				
Active Anti-islanding Protection	General Electric Frequency Shift			
Residual Current Monitoring	Yes			
DC Reverse Polarity Protection	Yes			
DC Switch	Yes			
AC Short-circuit Protection	Yes			
AC Overvoltage Protection	Yes			
AC Overcurrent Protection	Yes			
DC Surge Protection	Type II			
AC Surge Protection	Type II			
Ground Fault Detection	Yes			
AFCI	Yes			
General Data				
Operating Temperature Range	-30 to + 60°C			
Relative Operating Humidity	0 - 100 %RH			
Operating Altitude	4,000m			
Cooling	Smart Air Cooling			
Display	LED+App			
Communication	RS485 / 4G / WIFI			
Weight	27kg			
Dimensions (W*H*D)	519*426*192mm			
Topology	Non-Isolated			
Degree of Protection	IP66			
Overvoltage Level	PV II / AC III			

HYXI DCS

HYX-DCS-4G
HYX-DCS-WL

Convenient & User-Friendly

- Up to 10 inverters connection
- Plug-and-play

Stable & Reliable

- Encrypted data transmission for security
- Supporting data recovery, preventing data loss

Smart & Manageable

- 4G, Wi-Fi and Ethernet communication capability
- On/off-site software updates, parameter configuration, and fault analysis

Product Model	HYX-DCS-4G	HYX-DCS-WL
General Data		
Max. Inverters Supported	10	
Data Acquisition Interval	5 mins	
Connection Interface	USB	
Ethernet Interface	/	10M/100M Ethernet
Installation	Plug-and-play	
Indicator	LED+App	
Dimensions (W*H*D)	122*41*33mm	144*41*33mm
Weight	64g	68g
Degree of Protection	IP66	
Power Consumption	2W	1W
Input Voltage	5V / 1A	
Wireless Parameter		
Wireless	4G:TDD-LTE, FDD-LTE 3G:SCDMA 2G:GSM/GPRS	WIFI:802.11b/g/n
Environment		
Operating Ambient Temperature	- 30 to +65℃	
Relative Humidity Range	0 ~ 100%RH，Non-condensing	
Storage Temperature Range	-40 to +70℃	

HYXiPOWER

Smart Energy Platform

www.hyxicloud.com

Ultimate Experience

- One-click cloud setup for seamless operation
- One-stop user view for more comprehensive data
- Scenario-oriented interface for precise information
- Multi-node, all-time-zone coverage for smoother access
- All-in-one user terminal, no more app switching

Comprehensive Intelligence

- 24/7 AI cells management for safety control
- One-click diagnostics for utility safety monitoring
- Intelligent IV diagnostics for precise fault positioning
- 24H intelligent TOU scheduling for maximum profit
- Power forecast for optimized energy scheduling
- Industry-specific model with integrated interaction

Ultimate Safety

- Comprehensive monitoring and proactive risk alerts
- Scalable cloud for stable millions of devices connectivity
- Robust IoT foundation to ensure cloud security

Open Ecosystem

- OpenAPI for platform-level cloud connectivity
- Customizable SaaS solution, empowering ecosystem partners
- Multi-mode virtual PV plant access for fast integration

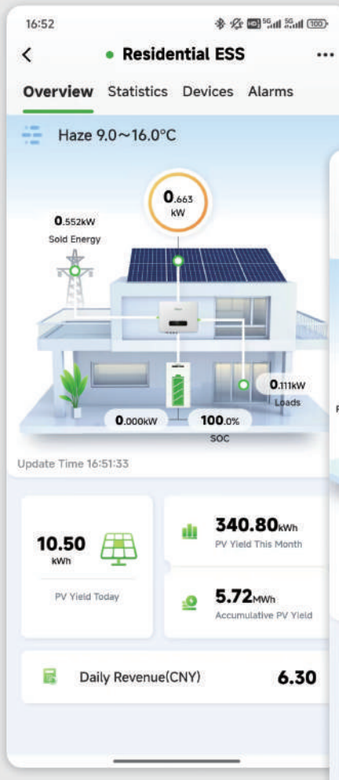
Efficient O&M

- Intelligent layout with rapid module-level visualization
- App/WEB sync, real-time control, multi-end operation
- Unified management, OTA updates, fast fault resolution
- Real-time data analysis for automated alerts

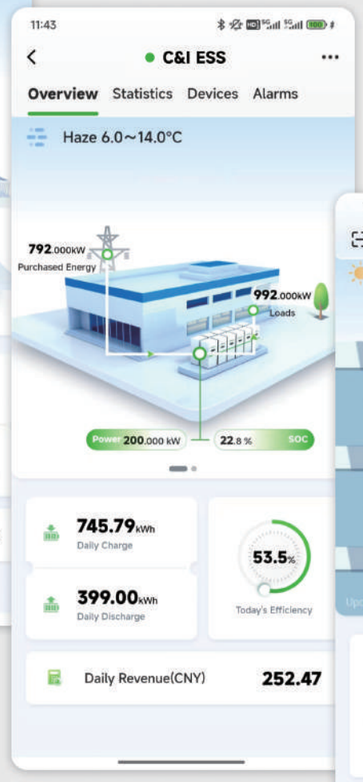
- Multi-dimensional reports for efficient decision-making
- 24/7 intelligent sensing for 360° security
- Efficient smart control of heat pumps and generators

Scenario-Oriented Interface For Precise Information

Adapted for C&I ESS, Residential ESS, Balcony PV System, etc.



Residential ESS

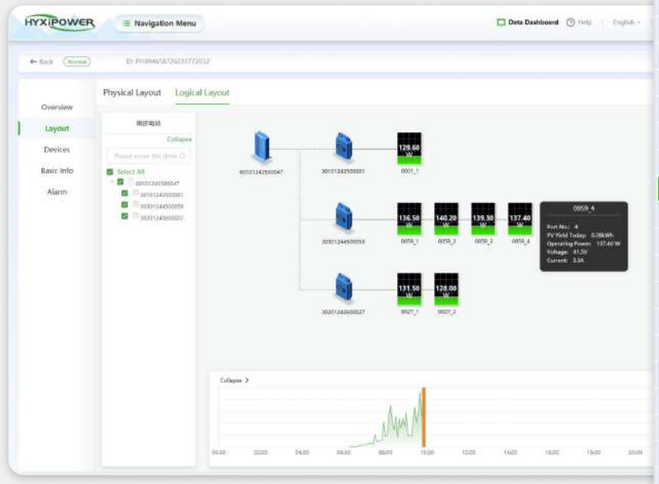


C&I ESS

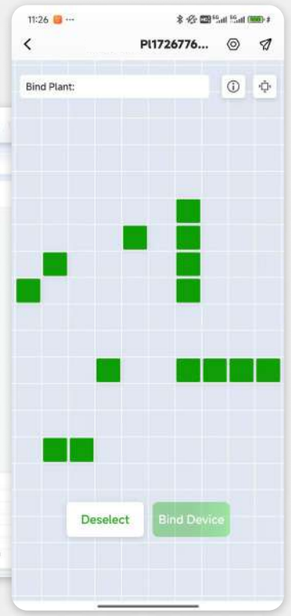
Balcony PV System

Smart PV Plant Layout → Modular Monitoring

Intelligent layout with rapid module-level visualization
One-stop user view with module-level operational monitoring



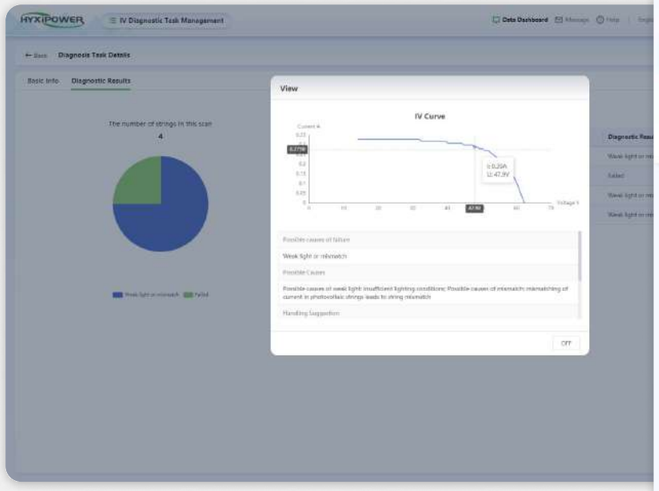
Smart PV Plant Layout



Smart PV Plant Layout

One-Click Diagnostics

For utility safety monitoring



IV Diagnostics

One-Click Diagnostics

AR Visualization Screen:

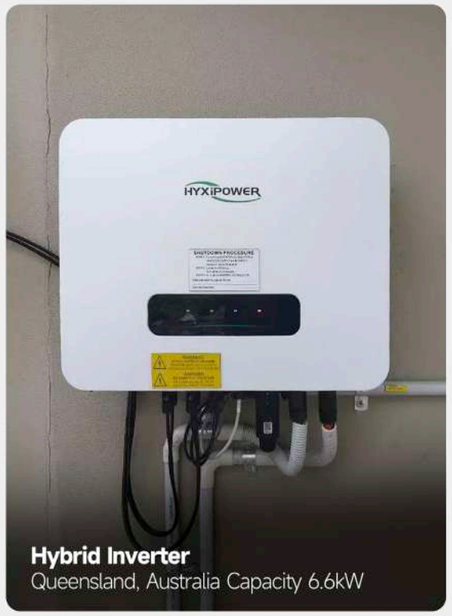
From "Overall View" to "Single-Plant Cockpit",
Key Data at a Glance

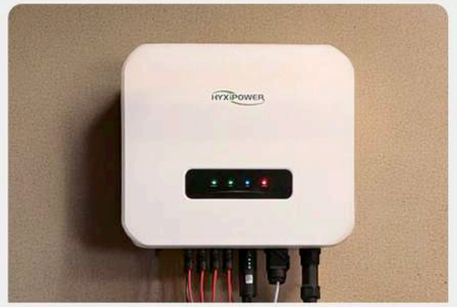
HYXiPOWER Energy Storage Monitoring Center

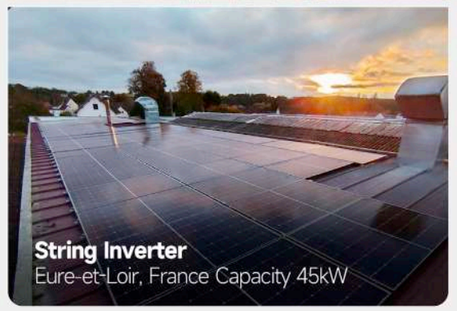
Energy Storage Cockpit

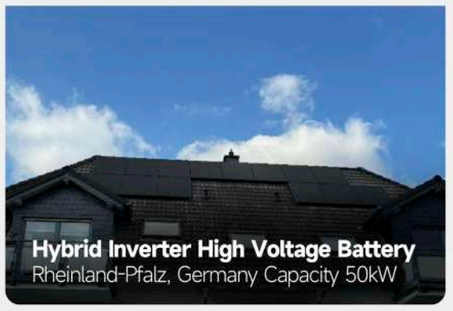
Projects and Cases

Residential Solution

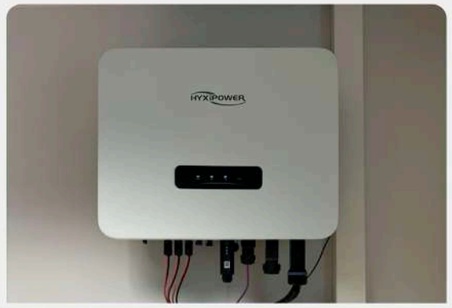






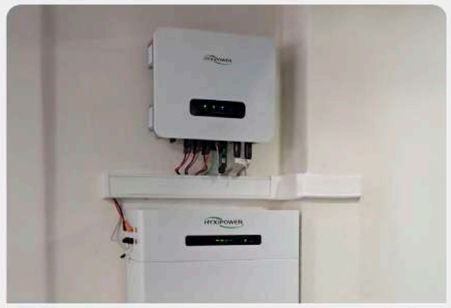


Projects and Cases
Residential Solution



Hybrid Inverter
Barcelona, Spain Capacity 25kWp

Hybrid Inverter, High Voltage Battery
Barcelona, Spain Capacity 50kW



Hybrid Inverter
Barcelona, Spain Capacity 25kW

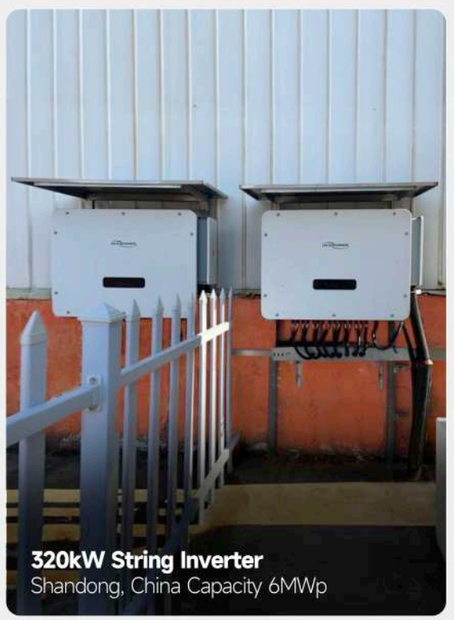
Hybrid Inverter, High Voltage Battery
Comunidad, Spain Capacity 5.28kW

Projects and Cases
C&I PV and ESS Solution

5MWh Container ESS
Zhejiang, China Capacity 400MWh

5MWh Container ESS
Shandong, China Capacity 5MW/10MWh

50kW/110kW String Inverter
Zhejiang, China Capacity 4MWp



320kW String Inverter
Shandong, China Capacity 6MWp