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Driving Excellence in Every Watt

HYXiPOWER Product Catalogue

EN 2025V1.3



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About HYXiPOWER



Zhejiang Hysi 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

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



SUPER FIVE

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.



Microinverter Solution

Overview

HYXiPOWER Microinverter Solution supports module-level independent management, enabling one-stop monitoring and maintenance through a modular design and intelligent platform. The system delivers high-efficiency power generation, precise monitoring, and rapid fault isolation. Combined with an ultra-thin design and IP67 protection, it provides users with a safe, reliable, and efficient clean energy management experience.

Highlight



High Efficiency

- 16A Max. input current
- 150% over-sizing, maximizing returns



Safe and Reliable

- IP67
- 25-years warranty



Flexible Design

- 25mm ultra-thin body
- Flexible expansion



Intelligent O&M

- Module-level management

Balcony Solution

Smart Energy Platform



Household Load



Smart Energy Platform



1-in-1 Microinverter (Wifi)



2-in-1 Microinverter (Wifi)



4-in-1 Microinverter (Wifi)

Rooftop Solution



Smart Energy Platform

DMU

Microinverter (on the back)

PV Modules

Household Load



Smart Energy Platform



1-in-1 Microinverter (Sub-1G)



DMU



2-in-1 Microinverter (Sub-1G)



4-in-1 Microinverter (Sub-1G)

MICROINVERTER

HYX-M400/500-S-NA

HYX-M400/500-SW-NA



Safe & Reliable

- EMC-certified for household safety-level radiation
- 60V low-voltage operation, 6000V surge protection
- IP67(NEMA6), weatherproof and stable

Efficient & Optimized

- Start-up of 20V, 150% overload capacity for higher energy yield
- Module-level MPPT, supports 1 PV module with 500VA max. output
- 16A design, ideal for high-power PV modules

Easy & Flexible

- Compact hook design, easy installation
- Plug-and-play with flexible scalability
- Sub-1G and WiFi support, iMesh for stability

Smart & Manageable

- Intelligent layout with rapid module-level visualization
- Module-level monitoring for precise fault positioning
- One-click OTA enabling fast fault resolution

| Product Model | HYX-M400-S-NA HYX-M400-SW-NA | | HYX-M500-S-NA HYX-M500-SW-NA | |
|-------------------------------------|---|---------------|---------------------------------|---------------|
| Input (DC) | | | | |
| Typical Module Compatibility | 320 - 600* W | | 400 - 670* W | |
| Min./Max. MPPT Voltage | | | 16 - 60V | |
| Max. Input Voltage | | | 65V | |
| Start-up Input Voltage | | | 20V | |
| Max. Input Current | | | 16A | |
| Max. Short-circuit DC Input Current | | | 20A | |
| Output (AC) | | | | |
| Peak Output Power | 400VA | | 500VA | |
| Max. Continuous Output Power | 360VA | | 475VA | |
| Max. Continuous Output Current | 1.5A | 1.7A | 2A | 2.3A |
| Nominal Output Voltage / Range | 240V/211-264V | 208V/183-228V | 240V/211-264V | 208V/183-228V |
| Nominal Frequency / Range | 60Hz / 55-65Hz | | | |
| Power Factor (default / adjustable) | >0.99 / 0.8 leading...0.8 lagging | | | |
| THDi | < 3% | | | |
| Max. Units per 10AWG Branch | 16 | 14 | 12 | 10 |
| Efficiency | | | | |
| CEC Peak Efficiency | 96.70% | | | |
| Nominal MPPT Efficiency | 99.80% | | | |
| Night-time Power Loss | < 30mW | | | |
| General Data | | | | |
| Operating Ambient Temperature | -40 to 149°F / - 40 to + 65°C | | | |
| Dimensions (W*H*D) | 7.40*7.01*0.98" / 188*178*25mm | | | |
| Degree of Protection | IP67 (NEMA6) | | | |
| Cooling | Natural Cooling - No fans | | | |
| Weight | 3.75lbs / 1.7kg | | | |
| Features | | | | |
| Communication ¹ | Sub-1G / Built-in WiFi | | | |
| Type of Isolation | High frequency transformers, Galvanically isolated | | | |
| Warranty | 25 years | | | |
| Protection | | | | |
| Input Reverse Connection Protection | Yes | | | |
| Output Overcurrent Protection | Yes | | | |
| Output Overvoltage Protection | Yes | | | |
| Anti-islanding Protection | Yes | | | |
| Output Short-circuit Protection | Yes | | | |
| Compliance | | | | |
| Safety and EMC Compliance | UI1741, UL1741SB, IEEE15471, IEEE1547, CSA C22.2 No.1071-16, IEEE 1547A, SRD-V2.0, FCC Part15B, ICES-003 Issue 7, NEC-2017 & NEC-2020 & NEC-2023 Article 690.12 Rapid shutdown of PV systems on Buildings | | | |

¹ **Sub-1G:** HYX-M400/500-S-NA, **Built-in WiFi:** HYX-M400/500-SW-NA
 Nominal voltage/frequency range can vary depending on local requirements.
 Refer to local requirements for exact number of microinverters per branch.



MICROINVERTER

HYX-M600/800/1000-S-NA

HYX-M600/800/1000-SW-NA



Safe & Reliable

- EMC-certified for household safety-level radiation
- 60V low-voltage operation, 6000V surge protection
- IP67(NEMA6), weatherproof and stable

Efficient & Optimized

- Start-up of 20V, 150% overload capacity for higher energy yield
- Module-level MPPT, supports 2 PV modules with 1000VA max. output
- 16A design, ideal for high-power PV modules

Easy & Flexible

- Compact hook design, easy installation
- Plug-and-play with flexible scalability
- Sub-1G and WiFi support, iMesh for stability

Smart & Manageable

- Intelligent layout with rapid module-level visualization
- Module-level monitoring for precise fault positioning
- One-click OTA enabling fast fault resolution

| Product Model | HYX-M600-S-NA HYX-M600-SW-NA | | HYX-M800-S-NA HYX-M800-SW-NA | | HYX-M1000-S-NA HYX-M1000-SW-NA | |
|-------------------------------------|--|---------------|---------------------------------|---------------|-----------------------------------|---------------|
| Input (DC) | | | | | | |
| Typical Module Compatibility | 240 - 450* W | | 320 - 600* W | | 400 - 670* W | |
| Min./Max. MPPT Voltage | | | 16 - 60V | | | |
| Max. Input Voltage | | | 65V | | | |
| Start-up Input Voltage | | | 20V | | | |
| Max. Input Current | | | 2*16A | | | |
| Max. Short-circuit DC Input Current | | | 2*20A | | | |
| Output (AC) | | | | | | |
| Peak Output Power | 600VA | | 800VA | | 1000VA | |
| Max. Continuous Output Power | 548VA | | 720VA | | 960VA | |
| Max. Continuous Output Current | 2.3A | 2.6A | 3A | 3.5A | 4A | 4.6A |
| Nominal Output Voltage / Range | 240V/211-264V | 208V/183-228V | 240V/211-264V | 208V/183-228V | 240V/211-264V | 208V/183-228V |
| Nominal Frequency / Range | 60Hz / 55-65Hz | | | | | |
| Power Factor (default / adjustable) | >0.99 / 0.8 leading...0.8 lagging | | | | | |
| THDi | < 3% | | | | | |
| Max. Units Per 10AWG Branch | 10 | 9 | 8 | 6 | 6 | 5 |
| Efficiency | | | | | | |
| CEC Peak Efficiency | 96.70% | | | | | |
| Nominal MPPT Efficiency | 99.80% | | | | | |
| Night-time Power Loss | < 30mW | | | | | |
| General Data | | | | | | |
| Operating Ambient Temperature | -40 to 149°F / - 40 to + 65°C | | | | | |
| Dimensions (W*H*D) | 9.92*7.09*1.38" / 252*180*35mm | | | | | |
| Degree of Protection | IP67 (NEMA6) | | | | | |
| Cooling | Natural Cooling - No fans | | | | | |
| Weight | 6.61lbs / 3kg | | | | | |
| Features | | | | | | |
| Communication ¹ | Sub-1G / Built-in WiFi | | | | | |
| Type of Isolation | High frequency transformers, Galvanically isolated | | | | | |
| Warranty | 25 years | | | | | |
| Protection | | | | | | |
| Input Reverse Connection Protection | Yes | | | | | |
| Output Overcurrent Protection | Yes | | | | | |
| Output Overvoltage Protection | Yes | | | | | |
| Anti-islanding Protection | Yes | | | | | |
| Output Short-circuit Protection | Yes | | | | | |
| Compliance | | | | | | |
| Safety and EMC Compliance | UI1741, UL1741SB, IEC61731, IEC61733, CSA C22.2 No.1071-16, IEEE 1547A, SRD-V2.0, FCC Part15B, ICES-003 Issue 7, NEC-2017 & NEC-2020 & NEC-2023 Article 690.12 Rapid shutdown of PV systems on Buildings | | | | | |

¹ **Sub-1G:** HYX-M600/800/1000-S-NA, **Built-in WiFi:** HYX-M600/800/1000-SW-NA
 Nominal voltage/frequency range can vary depending on local requirements.
 Refer to local requirements for exact number of microinverters per branch.



MICROINVERTER

HYX-M1800/2000-S-NA

HYX-M1800/2000-SW-NA



Safe & Reliable

- EMC-certified for household safety-level radiation
- 60V low-voltage operation, 6000V surge protection
- IP67(NEMA6), weatherproof and stable

Efficient & Optimized

- Start-up of 20V, 150% overload capacity for higher energy yield
- Module-level MPPT, supports 4 PV modules with 2000VA max. output
- 16A design, ideal for high-power PV modules

Easy & Flexible

- Compact hook design, easy installation
- Plug-and-play with flexible scalability
- Sub-1G and WiFi support, iMesh for stability

Smart & Manageable

- Intelligent layout with rapid module-level visualization
- Module-level monitoring for precise fault positioning
- One-click OTA enabling fast fault resolution



| Product Model | HYX-M1800-S-NA HYX-M1800-SW-NA | | HYX-M2000-S-NA HYX-M2000-SW-NA | |
|-------------------------------------|--|---------------|-----------------------------------|---------------|
| Input (DC) | | | | |
| Typical Module Compatibility | 360 - 670" W | | 400 - 670" W | |
| Min./Max. MPPT Voltage | | | 16 - 60V | |
| Max. Input Voltage | | | 65V | |
| Start-up Input Voltage | | | 20V | |
| Max. Input Current | | | 4*16A | |
| Max. Short-circuit DC Input Current | | | 4*20A | |
| Output (AC) | | | | |
| Peak Output Power | 1800VA | | 2000VA | |
| Max. Continuous Output Power | 1660VA | | 1920VA | |
| Max. Continuous Output Current | 6.9A | 8A | 8A | 9.2A |
| Nominal Output Voltage / Range | 240V/211-264V | 208V/183-228V | 240V/211-264V | 208V/183-228V |
| Nominal Frequency / Range | 60Hz / 55-65Hz | | | |
| Power Factor (default / adjustable) | >0.99 / 0.8 leading...0.8 lagging | | | |
| THDi | < 3% | | | |
| Max. Units Per 10AWG Branch | 3 | 3 | 3 | 2 |
| Efficiency | | | | |
| CEC Peak Efficiency | 96.70% | | | |
| Nominal MPPT Efficiency | 99.80% | | | |
| Night-time Power Loss | < 30mW | | | |
| General Data | | | | |
| Operating Ambient Temperature | -40 to 149°F / - 40 to + 65°C | | | |
| Dimensions (W*H*D) | 12.2*9.3*1.4" / 310*236*35.5mm | | | |
| Degree of Protection | IP67 (NEMA6) | | | |
| Cooling | Natural Cooling - No fans | | | |
| Weight | 11lbs / 5kg | | | |
| Features | | | | |
| Communication ¹ | Sub-1G / Built-in WiFi | | | |
| Type of Isolation | High frequency transformers, Galvanically isolated | | | |
| Warranty | 25 years | | | |
| Protection | | | | |
| Input Reverse Connection Protection | Yes | | | |
| Output Overcurrent Protection | Yes | | | |
| Output Overvoltage Protection | Yes | | | |
| Anti-islanding Protection | Yes | | | |
| Output Short-circuit Protection | Yes | | | |
| Compliance | | | | |
| Safety and EMC Compliance | UL1741, UL1741SB, IEEE1547.1, IEEE1547, CSA C22.2 No.1071-16, IEEE 1547A, SRD-V2.0, FCC Part15B, ICES-003 Issue 7, NEC-2017 & NEC-2020 & NEC-2023 Article 690.12 Rapid shutdown of PV systems on Buildings | | | |

² **Sub-1G:** HYX-M1800/2000-S-NA, **Built-in WiFi:** HYX-M1800/2000-SW-NA
 Nominal voltage/frequency range can vary depending on local requirements.
 Refer to local requirements for exact number of microinverters per branch.



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

All-in-One

Household Load



All-in-One



DCS



Smart Energy Platform

STACKABLE ALL-IN-ONE ESS

2PACK:5.7kW/10kWh

3PACK:7.6kW/15kWh

4PACK:11.5kW/20kWh



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

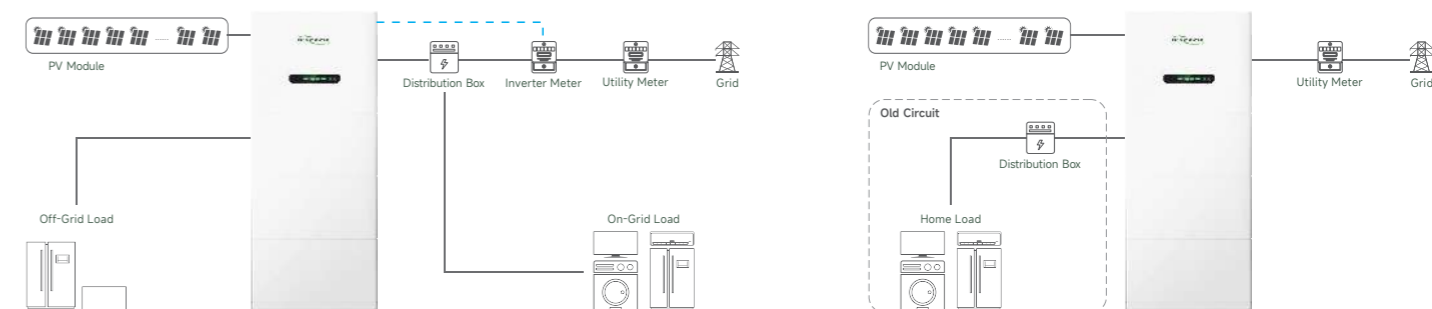
Advanced Performance

- 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

| 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 9,200W (each string≤4,600W) | 160% Rated Total 12,200W (each string≤4,600W) | 160% Rated Total 18,400W (each string≤4,600W) |
| Max. Input Voltage | | 600V | |
| MPPT Operating Voltage Range | | 80 ~ 560V | |
| MPPTs | | 3 | |
| Input Connectors per MPPT | | 1-1-2 | |
| Max. Input Current | | 20A-20A-20A/20A | |
| Max. Short Circuit Current | | 30A-30A-30A/30A | |
| MLPE | | Compatible with Tigo MLPE (TS4-A-F & RSS Transmitter) | |
| AFCI (Arc Fault Circuit Interrupter) | | Integrated | |
| AC Data | | | |
| AC Continuous Output | 5,700VA/23.75A | 7,600VA/31.7A | 11,500VA/48.0A |
| Current Carrying Capacity | | 200A per phase | |
| Nominal Output Voltage | | 2W+N+GND, 120/240 Vac | |
| Frequency | | 60Hz | |
| Backup | | | |
| Max. Continuous Output Power | 5,700W/23.75A | 7,600W/31.7A | 11,500W/48.0A |
| 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 | |
| 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 | 335lb / 152kg | 445lb / 202kg | 555lb / 252kg |
| Mounting Method | | Wall Mounted / Floor Mounted | |
| Certification | UL9540, UL9540A, UL1741, UL1973, CEC Listed, IEEE1547, IEEE1547A, IEEE15471, UN38.3, CSA C22.2 No. 1071-16, FCC15B | | |



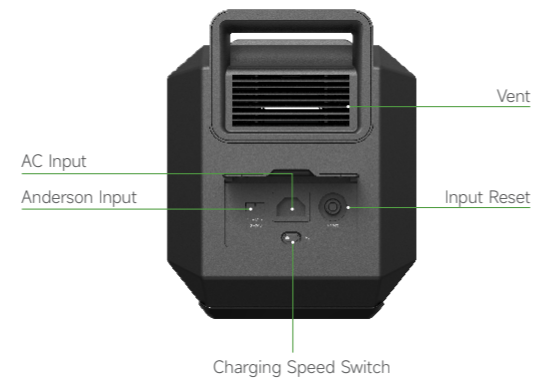
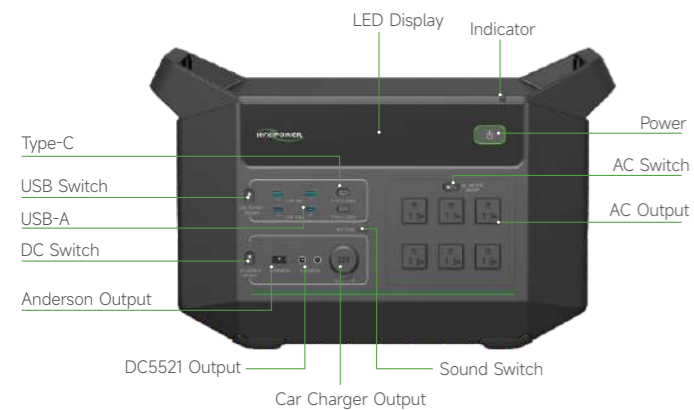
Partial Home Backup

Whole Home Backup
(No old circuit adjustment)

PORTABLE POWER STATION HYX-EA2000/2500



- Large capacity of 1,872 to 2,496Wh, worry-free endurance
- 13 ports for vbroad scenarios
- Supporting fast charging, 80% charge in 60 minutes
- LiFePO4 cells with 4000 charge/discharge cycles
- 5-year extended warranty



| Product Model | HYX-EA2000 | HYX-EA2500 |
|--------------------------------|------------------------------------|-------------------------|
| Appearance | | |
| Cell Type | Lithium Iron Phosphate | |
| AC Input | 1400W Max. | 1400W Max. |
| Anderson Input (Panel Charger) | 18 - 20V, ≤22A, 800W Max. | |
| Anderson Input (Car Charger) | 13.2V / 8A | |
| AC Output Type | Pure Sine Wave | |
| Nominal Energy | 1,872Wh | 2,496Wh |
| Output Power | 2,000W (3,300W Peak) | 2,500W (4,500W Peak) |
| Fully Charge Time | 2h | 2h 30min |
| Car Outlet | 13V/10A Max. | |
| DC Output | 13V/3A Max. | |
| Anderson Output | 13V/15A | 13V/15A |
| USB 3.0 | 18W Max. 5V/3A 9V/2A 12V/1.5A | |
| Type-C | 100W Max. 5V/9V/12V/15V 3A, 20V/5A | |
| Dimensions (W*H*D) | 518*323*293mm | |
| Weight | 22.5kg | 25.5kg |
| Discharge Temperature Range | 14 to 113°F / - 10 to + 45°C | |
| Cycle Life | 4,000 cycles to 70% EOL | |

HYXI DCS

HYX-DCS-4G-A

HYX-DCS-WL-A



HYXI DMU

HYX-DMU-4G

HYX-DMU-W



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-A | HYX-DCS-WL-A |
|-------------------------------|--|-------------------|
| 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) | 153.5*41*33.6mm | |
| Weight | 76g | 72.5g |
| Degree of Protection | IP65 | |
| 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 | -22 to 149°F / - 30 to + 65°C | |
| Relative Humidity Range | 0 ~ 100%RH, Non-condensing | |
| Storage Temperature Range | -40 to 158°F / - 40 to + 70°C | |

Convenient & User-Friendly

- Plug-and-play

Stable & Reliable

- Encrypted data transmission for security
- Local storage with resume capability, ensuring no data loss

Smart & Manageable

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

| Product Model | HYX-DMU-W | HYX-DMU-4G |
|---|----------------------------------|--|
| Communication to Microinverter | | |
| Signal | Sub-1G | |
| Monitoring Data Limit From Solar Panels | 400 | |
| Communication to Hyxi Cloud | | |
| Ethernet | RJ45×1, 100Mb/s | |
| Wireless | WiFi:802.11b/g/n | 4G:TDD-LTE, FDD-LTE 3G:SCDMA 2G:GSM/GPRS |
| Data Acquisition Interval | 5 min | |
| Power Supply (Adapter) | | |
| Type | External adapter | |
| Adapter Input Voltage / Frequency | 100 - 240V AC / 50 - 60Hz | |
| Adapter Output Voltage / Current | 12V / 1A | |
| Power Consumption | 1.5W | 2.5W |
| General Data | | |
| Operating Ambient Temperature | -4 to 149°F / - 20 to + 65°C | |
| Dimensions (W*H*D) | 106*216*79mm (with base) | |
| Weight | 320g | |
| Cooling | Natural Cooling | |
| Degree of Protection | IP20 | |
| Installation Method | Desktop mounting / Wall mounting | |

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

Ultimate Safety

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

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

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

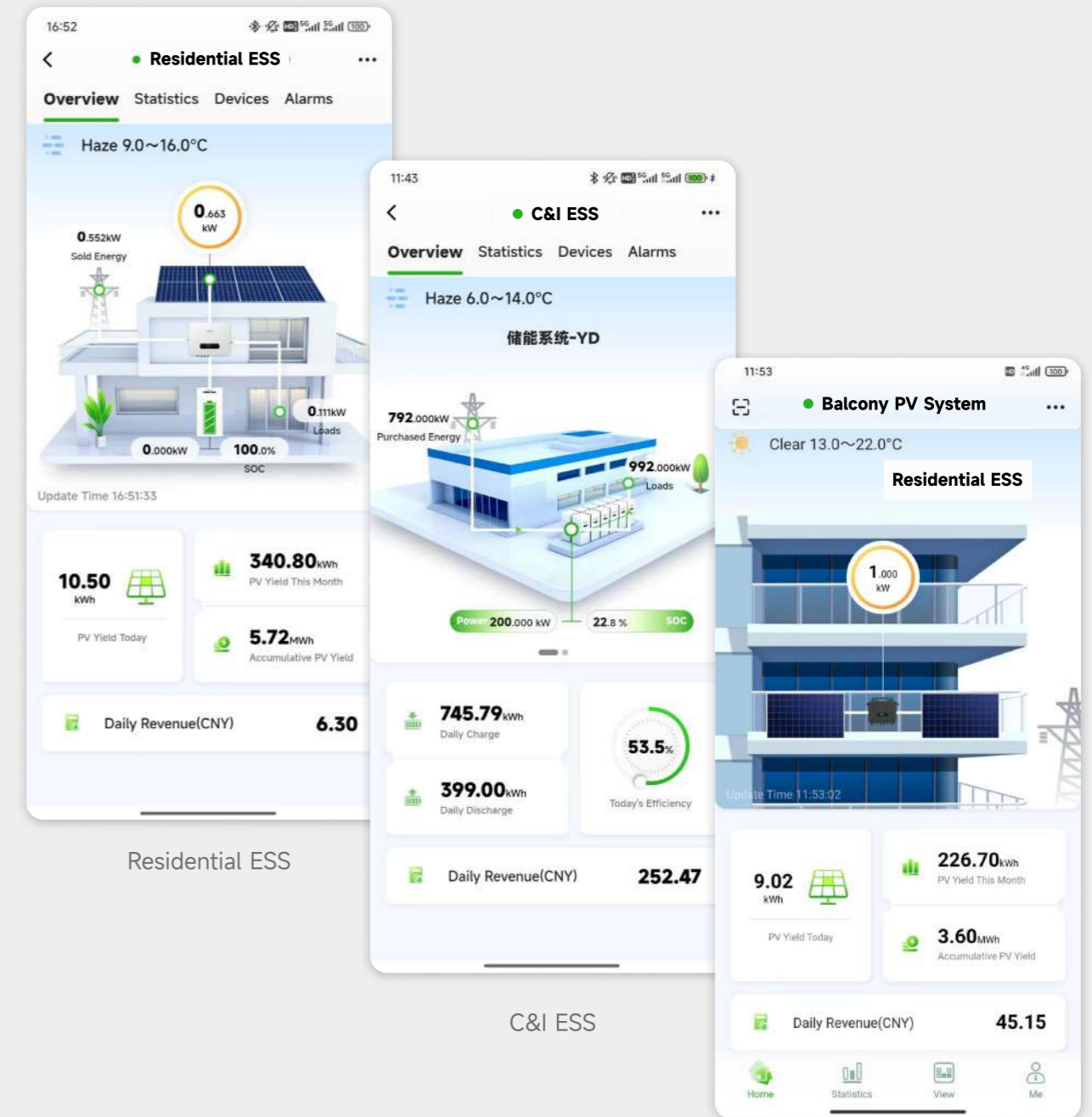
Open Ecosystem

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

- 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

Projects and Cases

Residential Solution



Hybrid Inverter, High Voltage Battery
Rotterdam, Netherlands Capacity 10kW



2-in-1 Microinverter
Orange, France Capacity 9kW



All-in-One
Grójec, Poland Capacity 10kW



4-in-1 Microinverter
Bangkok, Thailand Capacity 5kW

Projects and Cases

C&I PV and ESS Solution



4-in-1 & 2-in-1 Microinverters
Nacogdoches, Texas, USA Capacity 117kW



Hybrid Inverter, High Voltage Battery
Bad Neuenahr-Ahrweiler, Germany
Capacity 50kW/50kWh



String Inverter
Nogent-le-Roi, France Capacity 40kW



Hybrid Inverter
Lleida, Spain Capacity 25kW

Projects and Cases

C&I PV and ESS Solution



5000kWh Container ESS
Zhejiang, China Capacity 400MWh



5000kWh Container ESS
Zhejiang, China Capacity 5MW/10MWh



105kW/232kWh Liquid Cooling ESS
Guangdong, China Capacity 3.25MW/7.19MWh



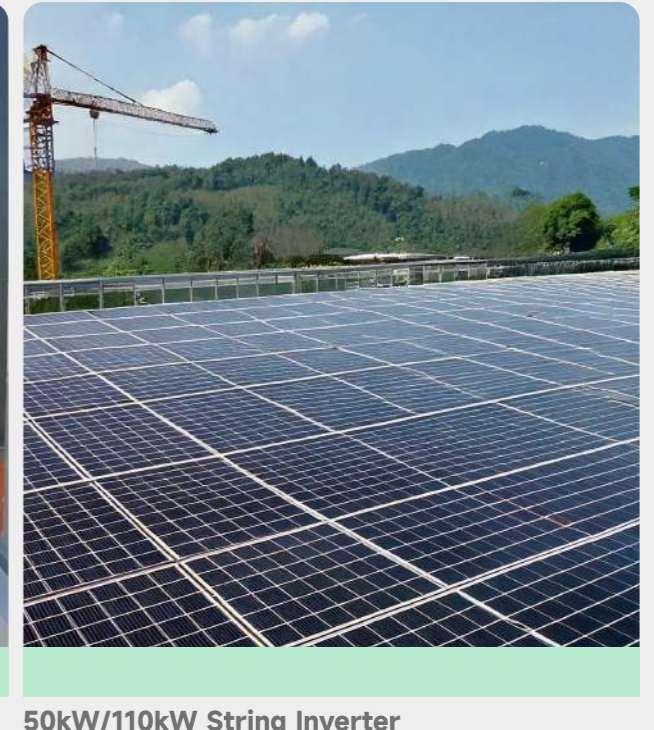
105kW/232kWh Liquid Cooling ESS
Guangdong, China Capacity 2.32MW/4.64MWh

Projects and Cases

C&I PV and ESS Solution



320kW String Inverter
Shandong, China Capacity 6MWp



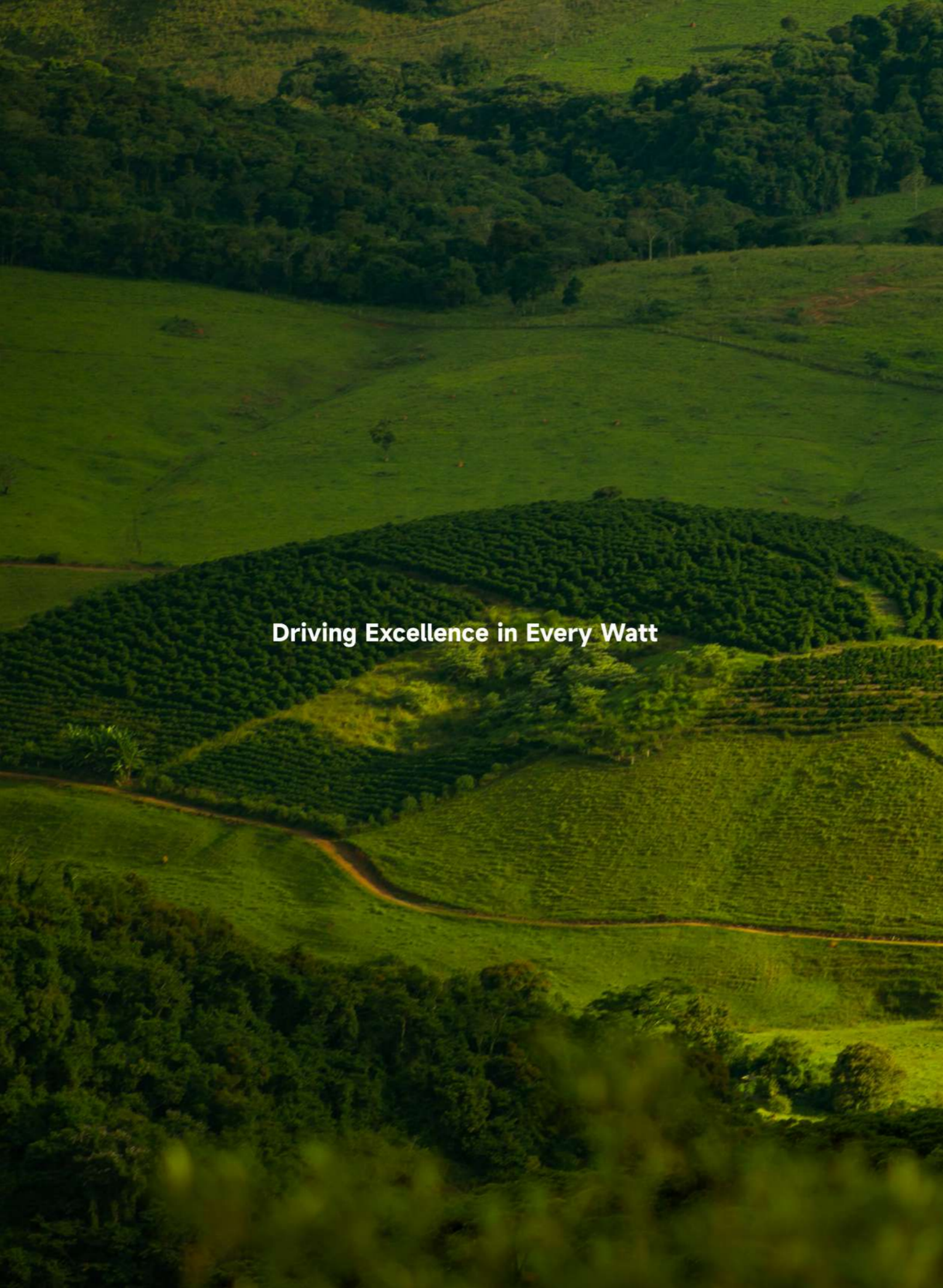
50kW/110kW String Inverter
Zhejiang, China Capacity 4MWp



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



50kW/110kW String Inverter
Zhejiang, China Capacity 3.67MWp



Driving Excellence in Every Watt

