



Zhejiang Hyxi Technology Co., Ltd.

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Driving Excellence in Every Watt

# C&I PV and ESS Solution

EN



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# About HYXiPOWER

# 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

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.

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.







# 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

# STRING INVERTER

## HYX-S29K9/30K/33K/ 36K/40K/50K-T



### Safe & Reliable

- IP66, 1,400+ 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

- 40A design, dynamic MPPT efficiency of 99.9%
- Built-in PID repair, improving overall system performance
- AI dynamic MPPT, boosting power generation by 5%

### Smart & Manageable

- Module-level monitoring for precise fault positioning
- Intelligent IV diagnostics for precise fault identification
- Real-time monitoring with OTA for online maintenance

Product Model	HYX-S29K9-T	HYX-S30K-T	HYX-S33K-T	HYX-S36K-T	HYX-S40K-T	HYX-S50K-T
<b>PV Input</b>						
Max. Input Power	48kW	48kW	52.8kW	57.6kW	64kW	80kW
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	450 - 850V					
Max. Input Current Per MPPT	40A					
Max. Input Current Per String	20A					
Max. Short-Circuit Current	50A					
Number of MPPT	3				4	
Max. Input Number Per MPPT	2 / 2 / 2				2 / 2 / 2 / 2	
<b>AC Output</b>						
Nominal Output Power	29.9kW	30kW	33kW	36kW	40kW	50kW
Max. Apparent Power	29.9kVA	33kVA	36.3kVA	39.6kVA	44kVA	55kVA
Nominal Output Voltage	3L / N / PE, 220 / 380V, 230 / 400V					
Nominal AC Grid Frequency	50 / 60Hz					
Nominal Output Current	45.4A, 380V 43.1A, 400V	45.6A / 380V 43.3A / 400V	50.2A / 380V 47.6A / 400V	54.7A / 380V 52A / 400V	60.8A / 380V 57.7A / 400V	76A / 380V 72.2A / 400V
Max. Output Current	45.4A, 380V 43.1A, 400V	50.2A / 380V 47.6A / 400V	55.2A / 380V 52.4A / 400V	60.2A / 380V 57.2A / 400V	66.9A / 380V 63.5A / 400V	83.6A / 380V 79.4A / 400V
Adjustable Power Factor	0.8 leading...0.8 lagging					
THDi	< 3%					
<b>Efficiency</b>						
Max. Efficiency	98.6%					
European Weighted Efficiency	98.1%					
MPPT Efficiency	99.9%					
<b>Protection</b>						
Active Anti-islanding Protection	Yes					
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	Optional					
PID recovery	Optional					
<b>General Data</b>						
Operating Temperature Range	-30 to + 60°C					
Relative Operating Humidity	0 - 100 %RH					
Operating Altitude	4,000m					
Cooling	Smart Air Cooling					
Display	LED/ WLAN+App					
Communication	RS485 / 4G / WIFI / HPLC					
Weight	44kg					
Dimensions (W*H*D)	615*460*268.5mm					
Topology	Non-Isolated					
Degree of Protection	IP66					
Overvoltage Level	PV II / AC III					

# STRING INVERTER HYX-S75K/100K/ 110K/120K-T



## Safe & Reliable

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

- 40A design, dynamic MPPT efficiency of 99.9%
- Built-in PID repair, improving overall system performance
- AI dynamic MPPT, boosting power generation by 5%

## Smart & Manageable

- Module-level monitoring for precise fault positioning
- Intelligent IV diagnostics for precise fault identification
- Real-time monitoring with OTA for online maintenance

Product Model	HYX-S75K-T	HYX-S100K-T	HYX-S110K-T	HYX-S120K-T
<b>PV Input</b>				
Max. Input Voltage	1,100V			
Nominal Input Voltage	620V			
Start-up Voltage	160V			
MPPT Operating Voltage Range	140 - 1,000V			
MPPT Full Load Voltage Range	500 - 850V			
Max. Input Current Per MPPT	40A			
Max. Input Current Per String	20A			
Max. Short-Circuit Current	50A			
Number of MPPT	10			
Max. Input Number Per MPPT	20			
<b>AC Output</b>				
Nominal Output Power	75kW	100kW	110kW	120kW
Max. Apparent Power	82.5kVA	110kVA	121kVA	132kVA
Nominal Output Voltage	3L / N / PE, 220 / 380V, 230 / 400V			
Nominal AC Grid Frequency	50 / 60Hz			
Nominal Output Current	113.9A	151.9A	167.1A	182.3A
Max. Output Current	125.3A	167.2A	185.7A	190.5A
Adjustable Power Factor	0.8 leading...0.8 lagging			
THDi	< 3%			
<b>Efficiency</b>				
Max. Efficiency	98.8%			
European Weighted Efficiency	98.3%			
MPPT Efficiency	99.9%			
<b>Protection</b>				
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	Optional			
PID recovery	Optional			
<b>General Data</b>				
Operating Temperature Range	-30 to + 60°C			
Relative Operating Humidity	0 - 100 %RH			
Operating Altitude	4,000m			
Cooling	Smart Air Cooling			
Display	LED/ WLAN+App			
Communication	RS485 / 4G / WIFI / HPLC			
Weight	94kg			
Dimensions (W*H*D)	1000*730*375mm			
Topology	Non-Isolated			
Degree of Protection	IP66			
Overvoltage Level	PV II / AC III			

# AIR COOLING ESS HYX-EF215P2



### Safe & Reliable

- A+ grade cells with automotive-grade standards
- 24/7 Battery Monitoring

### Flexible & Scalable

- Supports up to 8 parallel units

### Convenient and Flexible

- Support multiple installation methods
- Built-in EMS, remote O&M
- Plug-and-play, flexible, easy installation

Product Model	HYX-EF215P2
<b>Battery Side</b>	
Battery Type	LiFePO4
Cell Capacity	280Ah
Battery Configuration	1P240S
Operating Voltage Range	672 - 864V
Nominal Capacity	215kWh
Calendar Life	6,000 / 70%EOL (25±2°C, 0.5P)
<b>AC Side</b>	
Nominal Power	100kW
Nominal Current	145A
Operating Voltage Range	AC 400V±3% Vac
AC Connection Method	3P+N+PE
Nominal AC Grid Frequency	50 / 60Hz (-2.5 to +2.5Hz)
<b>General Data</b>	
System Parallel Units	8
Operating Temperature Range	-20 to 50°C
Operating Humidity Range	0 - 95%RH
Noise	≤ 75dB
Dimensions (W*H*D)	1730*2200*1170mm
Weight	3,500kg
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

# AIR COOLING ESS

## HYX-EF215P2-M

## HYX-EF215P2-MS



### Safe & Reliable

- A<sup>+</sup> grade cells with automotive-grade standards
- 24/7 Battery Monitoring

### Flexible & Scalable

- Supports up to 3 parallel units

### Convenient and Flexible

- Support multiple installation methods
- Built-in EMS, remote O&M
- Plug-and-play, flexible, easy installation

Product Model	HYX-EF215P2-M	HYX-EF215P2-MS
<b>Battery Side</b>		
Battery Type	LiFePO4	
Cell Capacity	280Ah	
Battery Configuration	1P240S	
Operating Voltage Range	672 - 864V	
Nominal Capacity	215kWh	
Calendar Life	6,000 / 70%EOL (25±2°C, 0.5P)	
<b>AC Side</b>		
Nominal Power	100kW	
Nominal Current	145A	
Operating Voltage Range	AC 400V±3% Vac	
AC Connection Method	3P+N+PE	
Nominal AC Grid Frequency	50 / 60Hz (-2.5 to +2.5Hz)	
<b>PV Side</b>		
Nominal Input Voltage	300 - 650V	
Number of MPPT	2	
Nominal Input Power	50kW*2	
Nominal Current Per MPPT	138A	
<b>STS Side</b>		
Off-grid Switching Time	/	≤ 20ms
<b>General Data</b>		
System Parallel Units	3	/
Operating Temperature Range	-20 to 50°C	
Operating Humidity Range	0 - 95%RH	
Noise	≤ 75dB	
Dimensions (W*H*D)	1730*2200*1170mm	
Weight	3,500kg	
Protection Degree	IP54	
Cooling Method	Air Cooling	
Fire Protection Method	Aerosol Fire Suppression	
Max. Operating Altitude	≤ 2,000m	
Networking Mode	WIFI / LAN	

Preliminary

# LIQUID COOLING ESS

## HYX-EL372P2-DC

## HYX-EL418P2-DC



### Ultimate Safety

- A+ grade cells with automotive-grade standards
- AI thermal balance,  $\leq 2^{\circ}\text{C}$  cells temperature difference
- AI diagnostics with triple fire protection for system safety

### Intelligent and Efficient

- Supports multi-unit parallel networking
- Built-in communication for safety management and data access

### Convenient and Flexible

- Plug-and-play, flexible, easy installation

Product Model	HYX-EL372P2-DC	HYX-EL418P2-DC
<b>Battery Side</b>		
Cell Capacity	280Ah	314Ah
Battery Configuration		1P260S
Nominal Voltage		1,331.2V
Operating Voltage Range		1,164.8 - 1,497.6V
Nominal Capacity	372.736kWh	417.997kWh
Supported Charge & Discharge Rate		$\leq 0.5\text{C}$
<b>Protection</b>		
Overvoltage Protection		Yes
Overcurrent Protection		Yes
Short-circuit Protection		Yes
Over-temperature Protection		Yes
<b>General Data</b>		
Max. Efficiency	$\geq 94\%$ (Excluding self consumption)	
Operating Temperature Range	$-20$ to $50^{\circ}\text{C}$	
Operating Humidity Range	0 - 95%RH	
Noise	$\leq 75\text{dB}$	
Dimensions (W*H*D)	1420*2300*1350mm	
Weight	3,200kg	3,500kg
Protection Degree	IP55	
Cooling Method	Liquid Cooling	
Fire Protection Method	Perfluoro+Pack-level+Active Forewarning	
Max. Operating Altitude	$\leq 2,000\text{m}$	
Networking Mode	LAN	

# HYXI DCS

## HYX-DCS-4G

## HYX-DCS-WL



# 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	HYX-DCS-WL
<b>General Data</b>		
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	
<b>Wireless Parameter</b>		
Wireless	4G:TDD-LTE, FDD-LTE 3G:SCDMA 2G:GSM/GPRS	WiFi:802.11b/g/n
<b>Environment</b>		
Operating Ambient Temperature	- 30 to +65°C	
Relative Humidity Range	0 ~ 100%RH, Non-condensing	
Storage Temperature Range	-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

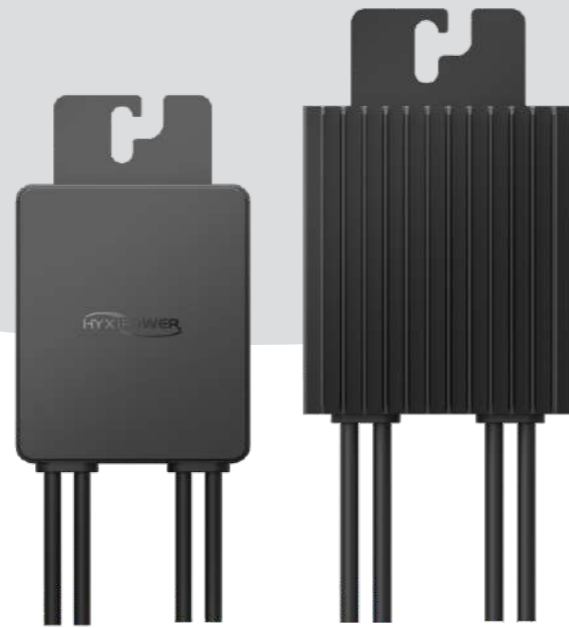
- 4G, Wi-Fi, and Ethernet communication capability
- On/off-site software updates, parameter configuration, and fault analysis

Product Model	HYX-DMU-W	HYX-DMU-4G
<b>Communication to Microinverter</b>		
Signal	Sub-1G	
Monitoring Data Limit From Solar Panels	400	
<b>Communication to Hyxi Cloud</b>		
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	
<b>Power Supply (Adapter)</b>		
Type	External adapter	
Adapter Input Voltage / Frequency	100 - 240V AC / 50 - 60Hz	
Adapter Output Voltage / Current	12V / 1A	
Power Consumption	1.5W	2.5W
<b>General Data</b>		
Operating Ambient Temperature	- 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	

# SMART PV OPTIMIZER

## HYX-OP400/500/600/700

## HYX-OP1100/1300



### Efficient

- 25A high-current design, up to 1300W output
- Compatible with bifacial PV modules, 182mm and 210mm high-power PV modules

### Simple



- Snap-fit quick installation

### Reliable

- Module-level shutdown for enhanced safety

### Intelligent

- Module-level monitoring for precise fault positioning

Product Model	HYX-OP400	HYX-OP500	HYX-OP600	HYX-OP700	HYX-OP1100	HYX-OP1300
Appearance						
<b>Input</b>						
Rated Input DC Power	400W	500W	600W	700W	1,100W	1,300W
Absolute Max. Input Voltage	80V				125V	
MPPT Operating Voltage Range	10 - 80V				12.5 - 105V	
Max. Short Circuit Current (Isc)	25A				25A	
MPPT Efficiency	99.5%				99.5%	
Weighted Efficiency	99.0%				99.0%	
Oversoltage Category	II				II	
<b>Output</b>						
Max. Output Voltage	80V				80V	
Max. Output Current	20A				22A	
Output Bypass	Yes				Yes	
Shutdown Output Voltage Per Optimizer	1V				1V	
<b>Communication</b>						
Communication Method	PLC				PLC	
<b>General Data</b>						
Dimension (W*H*D)	92*148.5*25mm				96.4*148.5*48mm	
Weight (including cables)	850g				1300g	
Input/Output Connector	Staubli MC4				Staubli MC4	
Input Wire Length	150mm				150mm	
Output Wire Length	1300mm				(+)5100mm, (-)150mm	
Operating Temperature Range	-40 to +85°C				-40 to +85°C	
Relative Humidity	0 - 100 %RH				0 - 100 %RH	
Degree of Protection	IP68				IP68	
Installation Part	Frame Mounting Bracket / T-shaped Bolt				Frame Mounting Bracket / T-shaped Bolt	

# 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
<b>General Data</b>		
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	
<b>Wireless Parameter</b>		
Wireless	4G:TDD-LTE, FDD-LTE 3G:SCDMA 2G:GSM/GPRS	WiFi:802.11b/g/n
<b>Environment</b>		
Operating Ambient Temperature	- 30 to +65°C	
Relative Humidity Range	0 ~ 100%RH, Non-condensing	
Storage Temperature Range	-40 to +70°C	

# HYXi Logger



### Convenient & User-Friendly

- Wall-mounted, rail-mounted, and drawer installation
- Built-in web interface with guided setup and one-click layout

### Stable & Reliable

- TLS data transmission encryption for high security
- Dual-power redundancy ensuring system stability

### Intelligent & Flexible

- Up to 150 inverters connection
- Compatible with multiple communication protocols

Product Model	HYXi Logger
<b>Device Management</b>	
Max. Inverters Supported	150
<b>Communication Interface</b>	
WAN	WAN x 2, 10 / 100 / 1,000 Mbps
LAN	LAN x 4, 10 / 100 / 1,000 Mbps
Optical Ethernet	SFP x 2, 100 / 1,000 Mbps
HPLC	PLC x 2, Max. Voltage 800V (±10%), 1,000 m
RS485	COM x 6
Analog Input	DI x 9 / DO x 4
Digital Input / Output	AI x 4
PT100 / PT1000	2
Active DO	x1, 12V, 0.1A
<b>Communication Protocol</b>	
Ethernet	Modbus-TCP, IEC 60870-5-104
RS485	Modbus-RTU, IEC 60870-5-103 (Standard), DL / T645
<b>Power Supply</b>	
AC Input Voltage/Frequency	100 ~ 277 Vac, 50 / 60 Hz
DC Output Voltage/Current	24Vdc, 1.25A
Power Consumption	Max. 18W
<b>Interaction</b>	
LED	LED x 4
Web	Embedded Web
USB	USB 3.0 x 2
<b>General Data</b>	
Operating Ambient Temperature	-35 to +60°C
Relative Humidity Range	5 ~ 95% RH
Degree of Protection	IP20
Operating Altitude	4000m
Dimensions (W*H*D)	60*380*240 mm (without mounting ears)
Weight	3kg
Installation Method	Wall Mounting, Rail Mounting, Tabletop Mounting

# HYXiPOWER Smart Energy Platform

[www.hyxicloud.com](http://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

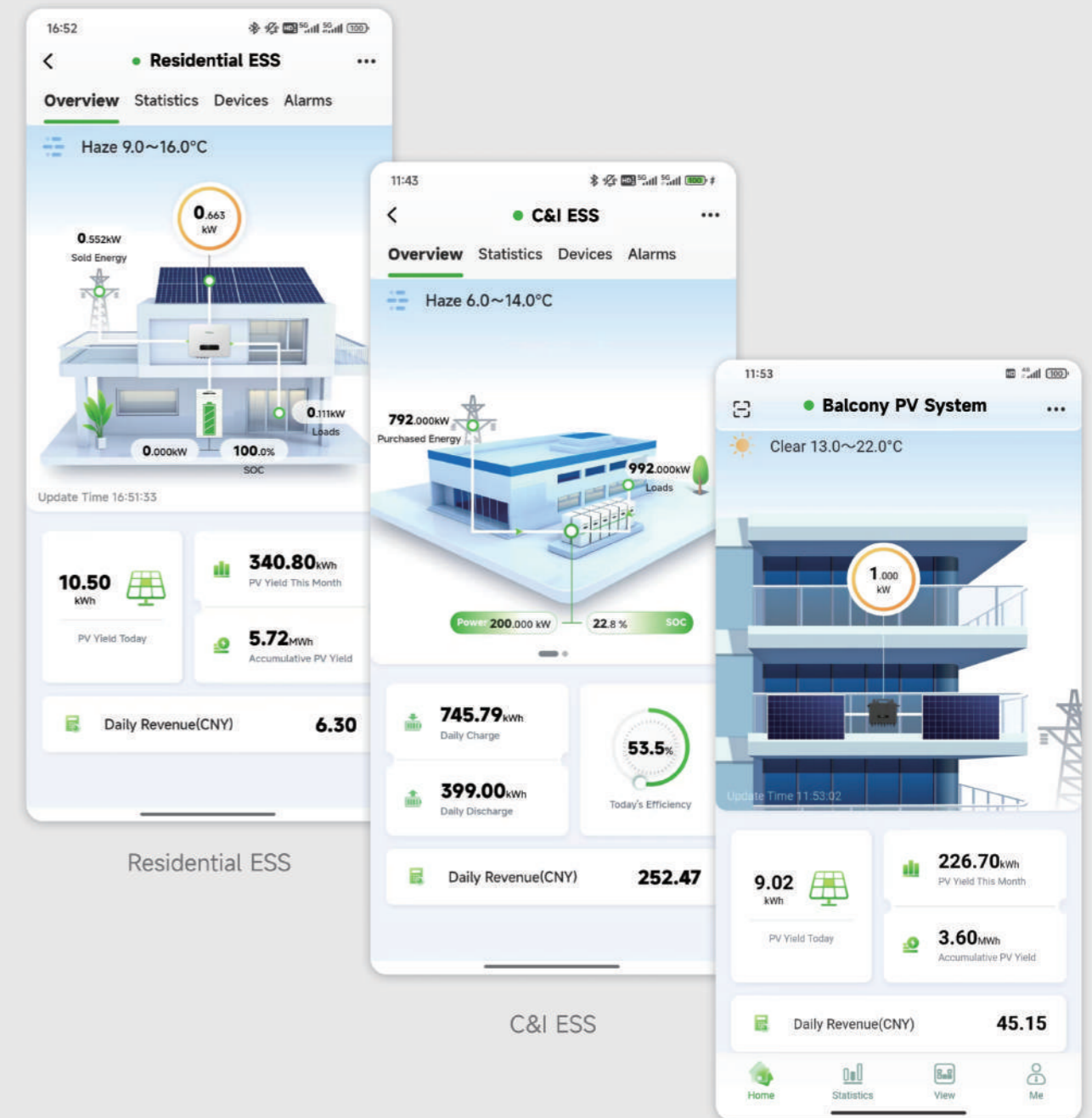
## Open Ecosystem

- 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.



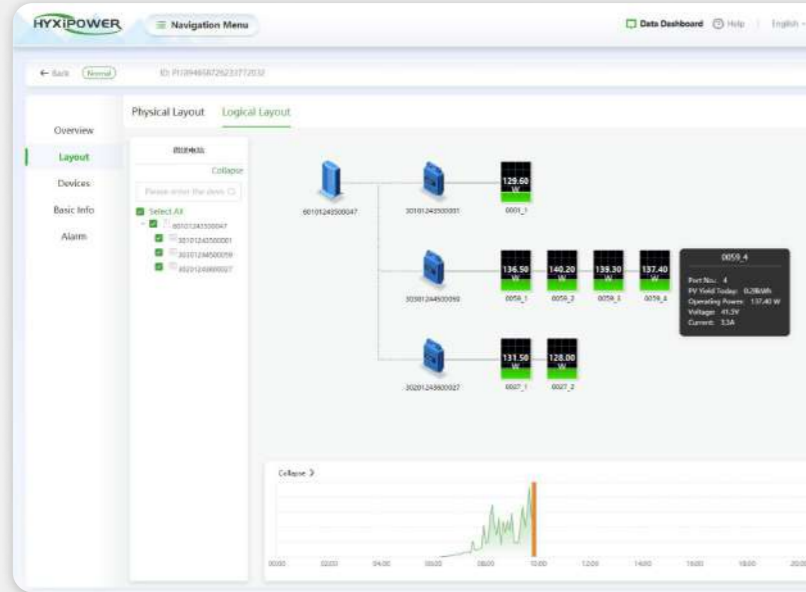
Residential ESS

C&I ESS

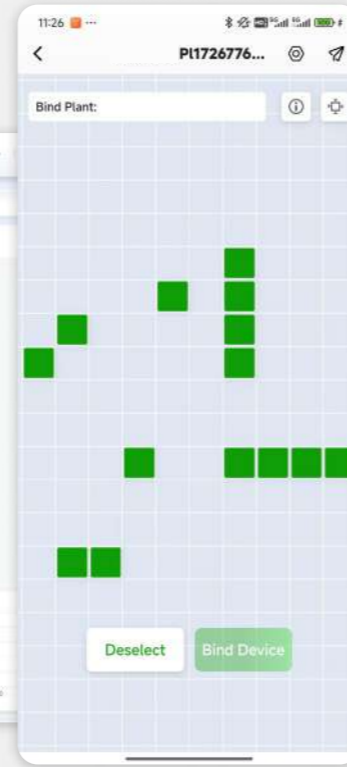
Balcony PV System

## Smart PV Plant Layout → Modular Monitoring

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



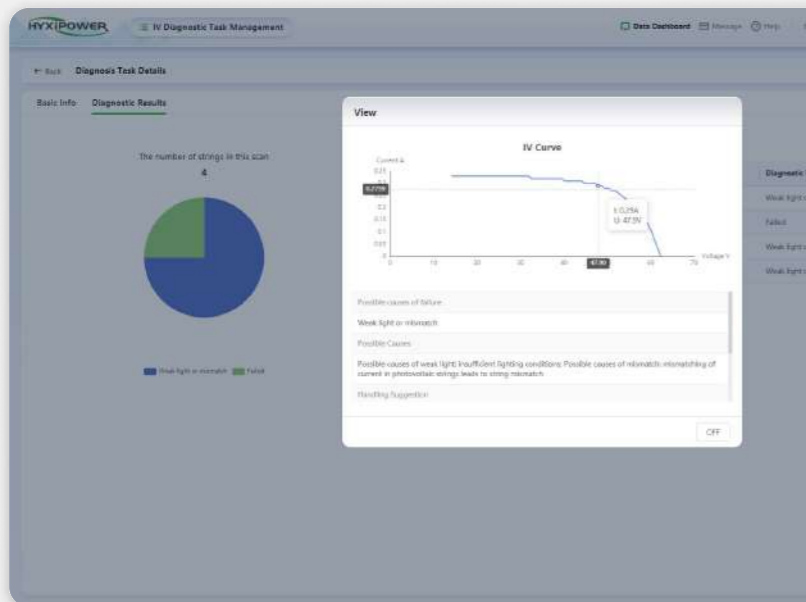
Smart PV Plant Layout



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