2025—11


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HUAZHI NEW ENERGY

# HUAZHI PREFABRICATED CABIN



WIND SOLAR ESS 10kV-35kV

PREFABRICATED SUBSTATION

ZHUHAI HUAZHI NEW ENERGY TECHNOLOGY CO., LTD.

# COMPANY PROFILE

Zhuhai Huazhi New Energy Technology Co., Ltd. (abbreviated as Huazhi New Energy) was founded in 2017. As a wholly-owned subsidiary of OLE POWER, it was specially established in response to the national strategic goal of "Dual carbon" (Carbon Peak and Carbon Neutrality) for energy conservation and emission reduction. Huazhi New Energy is engaged in long-term exploration, R&D focusing on PV, Storage and charging technologies.

Huazhi New Energy has obtained the Class III Power Facilities Installation, Repair and Test License, Work Safety License, and Construction Labor Qualification. It provides a series of products and services including 35KV and below PV on-grid cabinets, PV pad-mounted transformers, Charging station pad-mounted transformers, PV integrated control units, Anti-islanding devices, Energy management monitoring systems, and PV operation and Maintenance systems, with rich experience in on-site operation.

In terms of business, Huazhi New Energy has established long-term cooperative relationships with energy companies such as CEEC, PowerChina, GLP and SHENZHEN GRIDCOM, and is committed to contributing to the goals of "Carbon Peak" and "carbon neutrality".







# CONTENTS


**Wind & PV On-grid Prefabricated Substation (Prefabricated Cabin)**
10-35kV Prefabricated Power Unit 01

**PV HV On-grid Switchgear**
PV On-grid Switchgear
PV ESS HV On-grid Switchgear 02

**PV HV On-grid Switchgear**
OLE-12 Gas-insulated Metal-enclosed Switchgear
KYN□-12 HV Metal-clad Withdrawable Swithchgear 03/06

**LV On-grid Switchgear** 07/08

**Dry-type Transformer** 09/10

**Secondary System and Control Cabinet** 11/12

**Prefabricated Substation-Prefabricated Cabin** 13/15

**After-sales Service** 16

**Certifications** 17/18

**Project Cases** 19/20

# WIND & PV ON-GRID PREFABRICATED SUBSTATION (PREFABRICATED CABIN)

## 10-35KV PREFABRICATED CABIN

### OVERVIEW:

Wind &PV Prefabricated Cabin typically include primary and secondary equipment, forming what we commonly refer to as a primary and a secondary equipment module. These modules can be manufactured individually or as a complete, customized system. As a key application of modular substation construction, it not only transforms the traditional layout, civil design, and construction methods of substations but also aligns with the intelligent substation development goals of local grid corporation through its standardized design, modular assembly, and industrialized production.

### APPLICATION SCOPE:

Wind & PV systems convert DC power from solar panels into AC power via inverter for direct integration into public grids. The Distributed Wind/PV On-grid Cabin serves as the core solution in this process, positioned downstream of step-up power transformers to enable seamless grid interconnection.

### KEY FEATURES:

Turnkey Delivery: Cabin structure + Primary equipment cabinets + Secondary control panels + Auxiliary systems.
—-Factory completion: Manufacturing, assembly, wiring, and testing.
--On-site: Shipment as pre-commissioned units to: Eliminate field wiring, Reduce design/construction/debugging workloads, Shorten project timelines.

**Standardization:** The cabin's structure is based on optimized standard container dimensions, ensuring full compatibility with substation applications and facilitating transportation and installation.

**Modularization:** The cabin is divided into functional modules to support coordinated operation and efficient power distribution.

**Prefabrication:** The cabin and equipment are factory-installed, wired, tested, and delivered as a turnkey solution tailored to project needs.



PREFABRICATED CABIN



# PV HV ON-GRID SWITCHGEAR

## PV ON-GRID SWITCHGEAR



0.4KV PV ON-GRID SWITCHGEAR ON-SITE



10KV ON-GRID SWITCHGEAR



0.4KV PV ON-GRID SWITCHGEAR ON-SITE

**Cabinet Components**
--Protection
Anti-islanding device
(Optional) Fault disconnector + Power quality monitor

--Switching
Isolation switch + On-grid breaker

--Auxiliaries
Surge arrester, Temp/humidity controller, Energy meter

--Enclosure
Custom dimensions

**Application Scope**
Primarily used in distributed PV generation projects with AC power systems (10kV/0.4kV).

**Standard Types**
KYN28 | MNS | GCS | GCK | GGD

## PV ESS ON-GRID SWITCHGEAR



OUTDOOR LV ON-GRID SWITCHGEAR



OUTDOOR LV ON-GRID SWITCHGEAR

# PV HV ON-GRID SWITCHGEAR

## OLC-12 GAS-INSULATED METAL-ENCLOSED SWITCHGEAR(GIS)

Application Scope: For 3-phase AC power systems (50Hz, 10kV) requiring-- Switching diverse loads, Frequent operations

Protection & Control: Industrial plants Power plants Substations

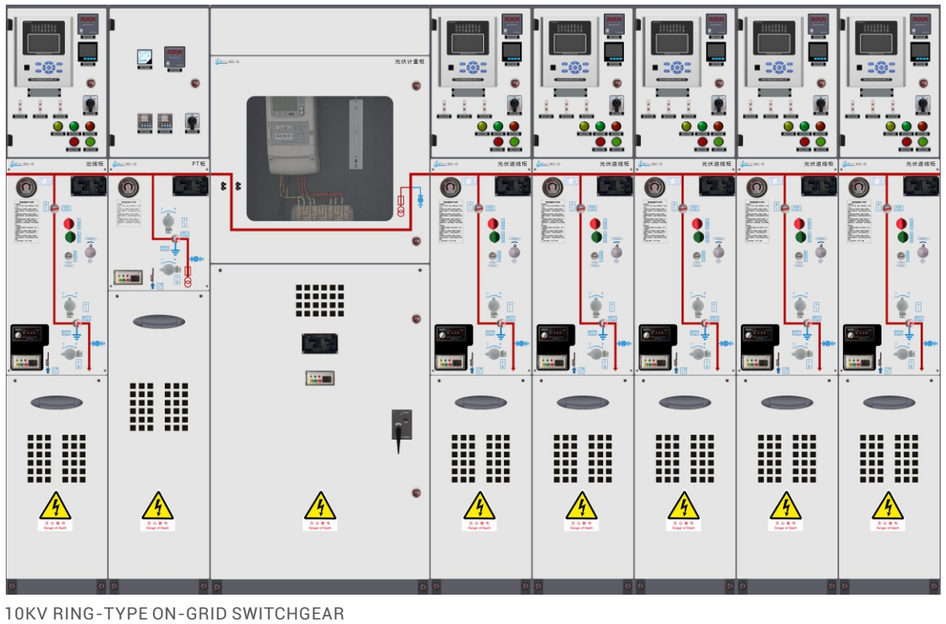
Fault Management: Rapid isolation of transient/permanent faults, Auto-reclosing after fault clearance

Installation Flexibility: Ring networks Radial networks Branch circuits End-user connections

### OPERATING CONDITIONS

- Temp: -15°C to +40°C
- Altitude: <1000m
- Humidity: <95% (daily average) / <90% (monthly average)
- Seismic Intensity:≤ Grade 8
- Installation Site: Indoor use only
- Exclusions: No fire/explosion hazards, chemical corrosion, severe pollution, or long-term vibration

Note: Custom solutions for non-standard conditions, please contact manufacturer.



10KV RING-TYPE ON-GRID SWITCHGEAR

### KEY FEATURES

**PERFORMANCE:**

- SF6 insulation + Vacuum interruption
- Optimized arc-extinguishing | Prevents short circuits & ground faults

**RELIABILITY:**

- Fully insulated/sealed design | Immune to environmental impacts
- Enhanced insulation integrity

**DURABILITY:**

- 10,000+ operations | For frequent switching & harsh environments

### KEY ADVANTAGES

**HIGH-PERFORMANCE ARC CHAMBER:**

Medium-sealed ceramic vacuum interrupter with copper-chromium (CuCr) contacts and axial magnetic field (AMF) structure, of fering: Minimal contact erosion, Long electrical lifespan, HV endurance, Stable dielectric strength, Rapid post-arc insulation recovery and Strong arc-quenching capability.

**SMART CONTROL AND COMMUNICATION:**

Equipped with integrated smart controller and communication management module, enabling:Breaker control, Analog signal acquisition, Wired/wireless communication interfaces, High systemreliability and Support for distribution automation.

### DISTRIBUTION AUTOMATION

**DISTRIBUTION AUTOMATION TERMINAL UNIT(DTU) :**

The DTU includes one Integrated Measurement, Control & Communication Unit (IMCCU) and multiple Protection & Control Units (PCUs), each assigned to a feeder bay. The IMCCU can be installed in a PT cabinet or control panel, while PCUs are mounted in switchgear compartments. All units communicate via a high-speed data bus.

**PROTECTION & CONTROL UNIT (PCU):**

Provides protection, signaling (SOE), measurement, and control per feeder bay. Supports overcurrent protection, voltage/current-based automation, and smart feeder automation.

**INTEGRATED MEASUREMENT, CONTROL & COMMUNICATION UNIT (IMCCU):**

Equipped with measurement, control, and communication modules, it performs remote signaling, metering, and control for bays without PCU. It collects data from protection units, uploads it to the master station per the forwarding table, executes or forwards remote commands, and communicates with other DTU to support distributed feeder automation.

# KYN□-12 HV WITHDRAWABLE SWITCHGEAR

KYN28 Metal -clad Withdrawable Switchgear

**Rated Specifications:**3.6–12kV 50Hz 3-phase ,Single busbar or sectionalized system

**Key Functions :**Power receiving & distribution,Circuit control, protection & monitoring

**Typical Applications:** Power, Metallurgy, Petrochemicals, Urban Infrastructure

**Standards:** IEC 62271 GB1984 GB3906 DL/T404With full "Five-Prevention" interlock protection

**Breaker Compatibility:** VD4 3AH EV12 VB2 VS(ZN63A) VDS(ZN63C) ZN18(VK)

## OPERATION CONDITIONS

- Temp:-15°C
- Altitude:≤1000m
- Humidity:≤95%(daily average)≤90%(monthly average)
- Seismic Intensity:≤ Grade 8
- Installation Site: Indoor use only
- Exclusions: No fire/explosion hazards, chemical corrosion, severe pollution, or long-term vibration

Note: Custom solutions for non-standard conditions, please contact manufacturer.



10KV ON-GRID WITHDRAWABLE SWITCHGEAR

## BASIC STRUCTURE

The Switchgear is mainly composed of the enclosure(IP4X) and withdrawable part (i.e., handcart,IP2X). It supports overhead line/cable connections and other configurations. All installation, commissioning, and maintenance can be carried out from the front side. Made of aluminum-zinc-coated steel and processed by CNC machines, the cabinet features multiple-fold edges for high precision, strong structure, corrosion resistance, and modern aesthetics.

## KEY FEATURES

1. Cabinet constructed from multi-bent aluminum-zinc-coated steel, bolted for strength and precision.
2. All operations are performed with the door securely closed.
3. IP4X enclosure protection; IP2X for internal compartments.
4. Integrated "Five Interlocking Protections" to prevent misoperation.
5. Compatible with VD4, 3AH, EV12, VB2, VS(ZN63A), VDS(ZN63C), ZN18(VK) breakers.
6. Optional communication module enables remote control, signaling, and monitoring via mobile network.
7. Supports non-standard customization per design institute specs, optimizing investment.

## ADVANTAGES

1.Compact & Durable: Fixed cabinet and handcart design with bolted aluminum-zinc steel. Uses heat-shrink and epoxy insulation for safety and reliability.
2. Flexible Configuration: Large cable chamber supports multi-cable access. Cabinets can be arranged to meet design functions.
3. Easy Front Access: Installation and maintenance from the front side.
4. High Load Capacity: Ideal for substations, industrial sites, and large power systems.
Smart Automation: Supports intelligent controllers for automated distribution.

## DISTRIBUTION AUTOMATION

### Distribution Automation Terminal Unit(DTU):

The DTU includes one Integrated Measurement, Control & Communication Unit (IMCCU) and multiple Protection & Control Units (PCUs), each assigned to a feeder bay. The IMCCU can be installed in a PT cabinet or control panel, while PCUs are mounted in switchgear compartments. All units communicate via a high-speed data bus.

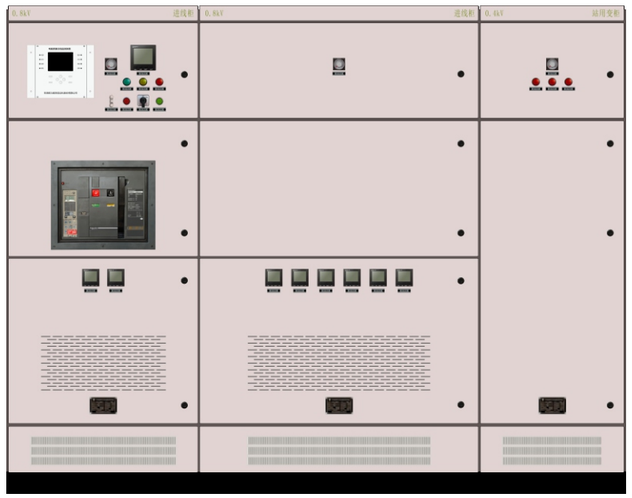
### Protection & Control Unit (PCU):

Provides protection, signaling (SOE), measurement, and control per feeder bay. Supports overcurrent protection, voltage/current-based automation, and smart feeder automation.

### Integrated Measurement, Control & Communication Unit (IMCCU):

Equipped with measurement, control, and communication modules, it performs remote signaling, metering, and control for bays without PCU. It collects data from protection units, uploads it to the master station per the forwarding table, executes or forwards remote commands, and communicates with other DTU to support distributed feeder automation.

# LV ON-GRID SWITCHGEAR



## OVERVIEW:

The GGD AC LV distribution cabinet is used in power plants, substations, and industrial or mining enterprises for AC 50Hz, 380V systems with rated currents from 1000A to 3150A. It is designed for power conversion, distribution, and control of power, lighting, and distribution equipment.

Developed based on principles of safety, economy, rationality, and reliability, it features high breaking capacity, strong dynamic and thermal stability, flexible configurations, easy assembly, high practicality, modern structure, and high protection level. It serves as an ideal upgrade for traditional LV switchgear.

Compliant with IEC 439 and GB/T 7251 standards for LV switchgear and controlgear assemblies.

## MAIN PARAMETERS

BASIC ELECTRICAL SPECIFICATIONS

| Model | Rated Voltage(V) | Rated Current(A) | Short-Circuit Break Current (kA) | Short-time Withstand current(1 S)(kA) | Peak Withstand Current (kA) |
|---|---|---|---|---|---|
| GGD1 | 380 | A 1000 | 15 | 15 | 30 |
| GGD1 | 380 | B 600(630) | 15 | 15 | 30 |
| GGD1 | 380 | C 400 | 15 | 15 | 30 |
| GGD2 | 380 | A 1500(1600) | 30 | 30 | 63 |
| GGD2 | 380 | B 1000 | 30 | 30 | 63 |
| GGD2 | 380 | B 1000 | 30 | 30 | 63 |
| GGD3 | 380 | A 3200 | 50 | 50 | 105 |
| GGD3 | 380 | B 2500 | 50 | 50 | 105 |
| GGD3 | 380 | C 2000 | 50 | 50 | 105 |

## APPLICATION SCOPE:

1. Ambient Temp: -5°C to +40°C (24h avg ≤35°C).
2. Installation: Indoor only; Altitude ≤2000m.
3. Humidity: ≤50% at 40°C; Higher RH at low temps (e.g.90%@20°C);
   Consider the impact of temperature changes and frost.
4. Mounting tilt: ≤5° from vertical.
5. Environment: No severe vibration/shock/corrosion.
6. Special requirements: Contact manufacturer.

## KEY FEATURES:

### MAIN CIRCUIT SCHEMES

GGD cabinets: 129 schemes | 298 specifications (excluding variations derived from auxiliary circuits or control voltage changes).

GGD1: 49 schemes | 123 specs

GGD2: 53 schemes | 107 specs

GGD3: 27 schemes | 68 specs

The schemes were selected based on user feedback from design and application departments, with added options tailored for power plants. Up to 3200A current, Suits ≤2000kVA transformers

To meet reactive power compensation needs, capacitor compensation cabinets (GGJ1–GGJ2) were developed, offering 4 main circuit schemes and 12 specifications.

### AUXILIARY CIRCUIT SCHEMES

Dual configurations: Utility supply schemes and Power plant schemes.

GGD cabinets: Ample space for secondary components.

### ELECTRICAL COMPONENT SELECTION

Core Components: Advanced domestic models (ME, DW15, DW17, DW45, CM1, NM1 series)

Select proven legacy models (e.g. DZ20), Obsolete models excluded.

1. The HD13BX and HS13BX rotary-operated disconnect switches are specially designed for the unique structure of the GGD cabinet. They improve the operating mechanism while retaining the advantages of older models, making them practical and innovative components.

2. If engineer select newer, more advanced components based on user needs, the flexible installation design of the GGD cabinet generally ensures smooth manufacturing and installation without difficulty.

3. To further enhance the dynamic stability of the main circuit, the cabinet uses dedicated ZMJ-type modular busbar clamps and insulation supports. These are made of high-strength, flame-retardant PPO alloy, offering high insulation, good self-extinguishing performance, and a unique structure. The modular design allows easy assembly into single or double busbar clamps. The sleeve-type molded insulation supports offer low cost and high strength, solving the creepage distance issue found in older products.

# DRY-TYPE TRANSFORMER

## SCB13-1600KVA-10/0.4KV DRY-TYPE TRANSFORMER

SCB13 Transformer refers to a cast resin dry-type transformer.
--**S** stands for three-phase
--**C** denotes epoxy resin cast dry-type
--**B** indicates copper foil winding for the transformer coils
--**13** represents the performance level code
--**10/0.4kV** refers to the rated voltage, with 10kV on the HV side and 0.4kV on the LV side.



**Model:** SCB13 series
**Rated Capacity:** 1600kVA
**Voltage Ratio:** 10/0.4kV
**Vector Group:** Dyn11/ Yyn0
**No-load loss:** 1760W
**Load loss:** 10500W
**Short-circuit Impedance:** 6%
**Frequency:** 50Hz
**Technical Standard:** GB 20052-2020
**Quality Standard:** ISO 9001:2015; ISO 14001:2015

### ADVANTAGES

1. Compact & lightweight.
2. Eco-safe: Air-cooled | Oil-free | Pollution-free | Maintenance-friendly.
3. Stable output: Constant secondary voltage.
4. Power quality enhancement: enables sinusoidal input current and output voltage, achieves unity power factor, and allows controllable voltage and current on both sides for flexible power factor adjustment.

### QUALITY STANDARD

Each stage of Huazhi New Energy's SBC13-1600kVA three-phase dry-type transformer, from input to output, undergoes strict quality control to ensure full compliance with the stringent requirements of domestic and international standards.

1. Quality Management – ISO 9001:2015
Huazhi New Energy strictly follows ISO 9001:2015 standards to ensure quality across every stage—from customer requirements to design, materials, production, testing, packaging, delivery, and after-sales—under a fully controlled process.

2. Environmental Management – ISO 14001:2015
As an early adopter of ISO 14001:2015, Huazhi demonstrates its commitment to environmental responsibility by delivering high-quality, eco-friendly technical products.

3. Laboratory Certification – ISO/IEC 17025:2017
Certified under ISO/IEC 17025:2017, Huazhi's testing processes meet international standards. All products are thoroughly tested in accredited labs to ensure consistent quality and customer confidence.



## SCB13-3150KVA-35/0.4KV DRY-TYPE TRANSFORMER

SCB13 Transformer refers to a cast resin dry-type transformer.
--**S** stands for three-phase
--**C** denotes epoxy resin cast dry-type
--**B** indicates copper foil winding for the transformer coils
--**13** represents the performance level code
--**35/0.4kV** refers to the rated voltage, with 35kV on the HV side and 0.4kV on the LV side.



**Mode**: SCB13 series
**Rated Capacity**: 3150kVA
**Voltage Ratio**: 35/0.4kV
**Vector Group**: Dyn11/ Yyn0
**No-load Loss**: 6030W
**Load Loss**: 5360W
**Short-circuit Impedance**: 8%
**Frequency**: 50Hz
**Technical Standard:** GB 20052-2020
**Quality Standard: ISO 9001:2015; ISO 14001:**2015

### ADVANTAGES

1. Compact & lightweight.
2. Eco-safe: Air-cooled | Oil-free | Pollution-free | Maintenance-friendly.
3. Stable output: Constant secondary voltage.
4. Power quality enhancement: enables sinusoidal input current and output voltage, achieves unity power factor, and allows controllable voltage and current on both sides for flexible power factor adjustment.

### QUALITY STANDARDS

Each stage of Huazhi New Energy's SBC13-3150kVA three-phase dry-type transformer, from input to output, undergoes strict quality control to ensure full compliance with the stringent requirements of domestic and international standards.

**1. Quality Management** – ISO 9001:2015
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# SECONDARY SYSTEM AND CONTROL CABINET

## REMOTE COMMUNICATAION PANEL

As a core component of new energy grid-connected systems, the Remote Communication Panel enables remote monitoring and data transmission. It plays a key role in realizing the “adjustability” function within the "Four Capabilities" of smart grid integration. The panel distributes AGC/AVC commands from the dispatch center to inverter data collectors, and uploads collected data to the dispatch and D5000 data centers, enabling seamless information exchange and remote control.

### MAIN CONFIGURATION

1. Remote Terminal Unit(RTU)
2. Edge Gateway
3. AGC/AVC Unit
4. Dual BeiDou Time Synchronization Unit
5. Industrial Ethernet Switch
6. Communication Management Unit (CMU)
7. Vertical Encryption Unit(Extra devices are required when technical demands are higher.)
8. Encrypted Data Acquisition Device
9. Forward/Reverse Isolation Device

### MAIN PARAMETERS

1. Power Supply：AC/DC220V
2. Cabinet Structure：Assembled Cabinet
3. Dimension(mm): 800(L) x 600(W) x 2200(H）



REMOTE COMMUNICATAION PANEL

## MONITORING SYSTEM PANEL

As a vital role in new energy grid-connected systems, serving as an intelligent hub for managing and optimizing PV or energy storage power plants.It integrates advanced monitoring and power control systems tailored for photovoltaic and energy storage applications. By collecting, analyzing, and visualizing key electrical data—such as voltage and current at critical nodes—the panel provides operation teams with a clear, real-time overview of the system's performance. This ensures higher efficiency, smarter maintenance, and more reliable plant operation.

### MAIN CONFIGURATION

1. Monitoring Host
2. Display Monitor
3. Printer
4. Alarm Speaker
5. PV (ESS) Monitoring System
6. Power Control System(Additional devices required for high network security requirements)
7. Cybersecurity Situation Awareness Device

### MAIN PARAMETERS

1. Power Supply：AC220V
2. Cabinet Structure： Assembled Cabinet
3. Dimension(mm): 800(L) x 600(W) x 2200(H)



MONITORING SYSTEM PANEL



INTEGRATED AUTO PANEL



REMOTE COMMUNICATION AND SAFETY AUTO PANEL

## INTEGRATED AUTO PANEL

Designed to house essential devices such as anti-islanding protection, fault separation, power quality monitoring, and integrated measurement & control units, the Integrated Automation Panel provides a flexible solution for systems with limited installation space.

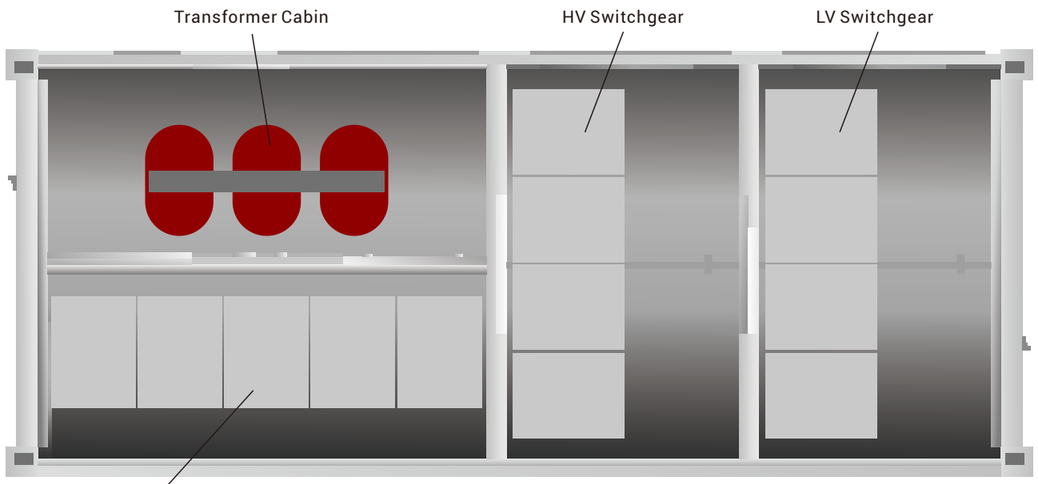
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### MAIN PARAMETERS

1. Power Supply：AC220V
2. Cabinet Structure： Assembled Cabinet
3. Dimension(mm): 800(L)x 600(W)x 2200(H）

# PREFABRICATED SUBSTATION-PREFABRICATED CABIN




PREFABRICATED CABIN STRUCTURAL LAYOUT

## KEY FEATURES

| | |
|---|---|
| 1 | **High-Strength Steel Structure:** Excellent seismic resistance |
| 2 | **Multi-Layer Protection:** Enhanced safety and reliability |
| 3 | **Modular Design:** Easy transportation and on-site installation |
| 4 | **Superior Performance:** Outstanding thermal insulation, moisture resistance, soundproofing, and fire protection |
| 5 | **System Compatibility:** Supports a wide range of applications |
| 6 | **Customizable Appearance:** Elegant finishes with multiple style options |

## PARAMETERS

### (1) AUXILIARY ELECTRICAL SYSTEMS

| No. | Name | Description |
|---|---|---|
| 1.1 | Cabin Power Distribution | Distribution box · Indoor lighting · Emergency lighting · Exit signs · Power outlets · Panel switches |
| 1.2 | Fire Alarm System (Optional) | Smoke and heat detectors · Manual call points · Audio-visual alarms · Fire alarm control panel |
| 1.3 | Video Surveillance System | Indoor PTZ cameras (mid-speed dome) · Auxiliary lighting · Access control switch |

### (2) CABIN STRUCTURE

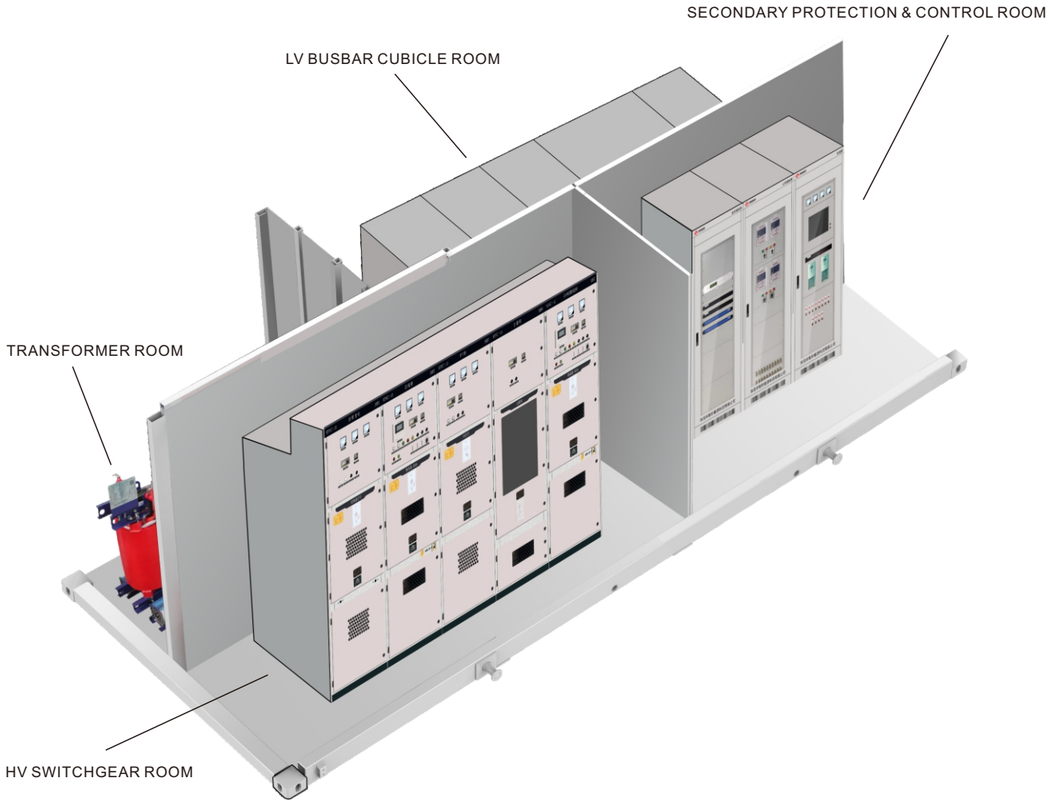
| No. | Name | | Description | |
|---|---|---|---|---|
| | | | Standard Configuration | Optional Configuration |
| 2.1 | Main Equipment Layout | | Single/ Double-row Face-to-face | Project-based Design / Customized Product |
| 2.2 | Frame | | Welded Steel Frame Structure | Sheet Metal Lock-seam Structure |
| 2.3 | Steel Surface Treatment | | Spray Painting | Galvanizing |
| 2.4 | Door | | Insulated Steel Door/ Escape Door | Class B Fire Door |
| 2.5 | Wall Panel | External wall panel | FC Board | Profiled Steel Sheet / Metal Engraving Panel /Stainless Steel, etc. |
| | | Insultation layer | Rock Wool | Polyurethane / Fiberglass |
| | | Inner Wall / Ceiling Panel | Hand-laminated Sandwich Panel | Aluminum Composite Panel / Profiled Steel Sheet /Metal Engraving Panel, etc. |
| | | Others | Fireproof Board | OSB Board / PE Moisture Film |
| 2.6 | Roof (Double layer) | Outer roof Surface | Profiled Steel Sheet | Resin Tile / Stainless Steel/Galvanized Steel Sheet |
| | | Inner Roof Surface | Rock Wool Sandwich Panel | Galvanized Steel Sheet/Stainless Steel |
| 2.7 | Floor Panel | Bottom Layer Panel | Steel Plate | NAFC Board |
| | | Top Layer Panel | Insulating Rubber Mat | Anti-static PVC Roll / Checkered Plate |

### (3) GROUNDING PROTECTION

| No. | Name | Description |
|---|---|---|
| 3.1 | Cabin Structure | The base is pre-fitted with grounding terminals to connect to the main site grounding grid; it can also be welded to embedded metal components in the foundation. |
| 3.2 | Primary/Secodary Grounding(Optional) | An equipotential grounding bar is reserved. The main equipment is grounded via cables connected to this bar, which is further linked to the site grounding grid—ensuring complete grounding for both primary and secondary systems. |

### (4) HEATING, VENTILATION & AIR CONDITIONING (HVAC)

| No. | Name | Description |
|---|---|---|
| 4.1 | Axial Fans | For ventilation cooling or air exchange |
| 4.2 | Industrial Air Conditioner | Controls indoor temperature and humidity |
| 4.3 | Integrated Electric Heaters (Optional) | Automatically regulates indoor temperature, provides winter insulation, suitable for extreme cold regions |




PREFABRICATED CABIN PERSPECTIVE VIEW

(5) PRODUCT DELIVERY

| No. | Name | Description | |
|---|---|---|---|
| | | Standard Configuration | Optional Configuration |
| 5.1 | On-site Fundation | Civil Concrete Foundation | Steel Structure Support |
| 5.2 | Transportation Methods | Road Transport | Buyer Self-Pickup |
| 5.3 | Lifting Methods | Bottom Lifting Lugs | Customizable Based on Project Requirements |
| 5.4 | Product Delivery | Factory-Integrated Delivery | On-Site Modular Assembly Before Final Delivery |
| 5.5 | Application | Power Generation · Power Grid · T&D · New Energy · Real Estate · Petrochemical · Ports · Mining, etc. | |
| 5.6 | Cabin Dimensions | ≤16.5x4x4m ,L & W per plan layout | ≤20x16.5x11m , Modular design / transport / assembly |



**24hours**

# AFTER-SALES SERVICE

**+86 0756 – 3628829**



Our company strictly adheres to the Quality Management System requirements, ensuring a 100% pass rate for products upon factory shipment and achieving over 98% customer satisfaction.

After-sales services provided by our company include:
Product installation guidance; product maintenance; supply of spare parts; equipment modification; technical consultation; training seminars; complaint handling, etc.

## You have our word that:

1. **"Three-Guarantee" policy** is implemented after product acceptance. During the warranty period, if the product becomes unusable due to quality issues, our company provides free repair or replacement.

**2. To protect customers' interests, lifetime service** is committed beyond the warranty period, including long-term technical guidance and provision of product components (material fees may be charged after warranty expiration as appropriate).

**3. Free training and guidance** are provided for product operation and maintenance. User manuals, maintenance instructions, and operating procedures are supplied to users.

**4. 24hours support** to resolve issues encountered during installation and operation.

**5. Regular follow-up services** are conducted for all products, with individual files maintained for each unit to promptly understand product usage status.

6. The following cases are **excluded from the "Three-Guarantee" coverage**:
(1) Damage caused by failure to follow the "Installation and User Manual";
(2) Damage resulting from improper maintenance, movement (handling), or storage;
(3) Damage caused by other force majeure factors.

**From** Your Needs
**To** Your Satisfaction

# QUALIFICAION CERTIFICATES
























































# PROJECT CASES




LOGISTIC PARK PROJECT




INDUSTRIAL PARK PV PROJECT




FURNITURE FACTORY PV PROJECT



ENTERPRISE PV PROJECT




COMPACT SUBSTATION & SWITCHGEAR STATION PROJECT




DISTRIBUTED PV POWER GENERATION PROJECT




ROOFTOP DISTRIBUTED PV PROJECT




UNIVERSITY PV PROJECT

## SELECTED PROJECTS

Industrial Park 1036.02kWp PV Project
Tongji PV Distribution Box Project
Yaorun Rooftop PV Project
Copper Foil Phase II PV Project
Kingboard Phase II 4050kWp PV Project
JISI 5.98MW Rooftop PV Project
Taidong Smart 794.075kWp PV Project

Kehui Industrial PV Project
Huang Zhibin 503.965kWp Rooftop PV Project
Huaide West Business Building 326.43kWp PV Project
Fogang Industrial Phase IV PV Project
Fogang Insulation Materials Phase II PV Project
Ellington Guangzhou 445.77kWp PV Project
Songsha Xianliang Electronics PV Project

Zhongxin PV Plant Project
Spinning Mill PV Project
Century Distributed PV Project
Kairongde 3565.575kWp PV Project
3.6MWp Conveyor Rooftop PV Project
Ellington Phase III PV Project
Business Building 326.43kWp PV Project