PRODUCTS

【 **OUTDOOR CABINET AND ENCLOSURES** 】

CYTECH

CHEN TONG YUAN TECHNOLOGY

≫ www.cytechorg.com

Company introduction

Cytech is a high-tech enterprise integrating R & D, production and sales. The total area of the factory is 5000 square meters, the total number of employees is about 200，and the annual output sales are nearly 100 million RMB. Since its establishment, the company has been focusing on outdoor telecom enclosures，cabinet air conditioner and smart energy control device and system research and development, production and sales.

We focus on providing a comprehensive and systematic solution for domestic and foreign telecommunication operations, electric power and broadcasting. Products are widely used, involving communication, electrical and electronic control equipment, communication base stations, computer rooms, battery cabinets and so on. The performance of the product is stable and reliable. Business covers China, Asia, Middle East, Europe and the US market.

With "integrity, principle and innovation" as the spirit of enterprise, Cytech Cooperate with each other and advance to each other. It won the customer's lasting praise with a perfect working process and considerate after-sale service.

Wall Mount Outdoor Enclosure

Product Description

Wall-mounted outdoor telecom enclosure is a protective housing designed to secure and shield telecommunication equipment from environmental elements. These enclosures are typically installed on exterior walls to house sensitive electronic components and ensure their proper functioning in outdoor settings.

Applications

- Telecommunication
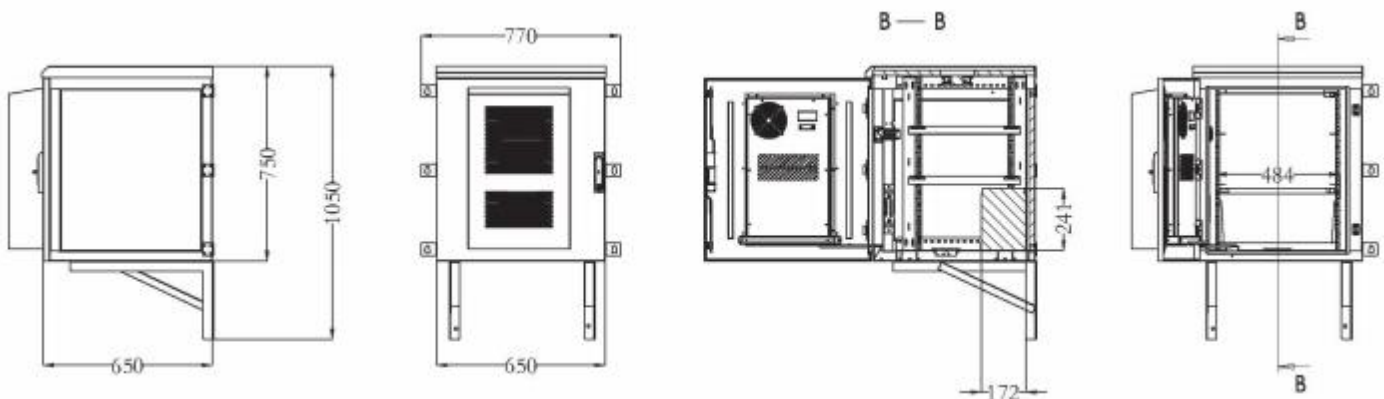- Wireless/Broadband CATV
- Solar-based Installations
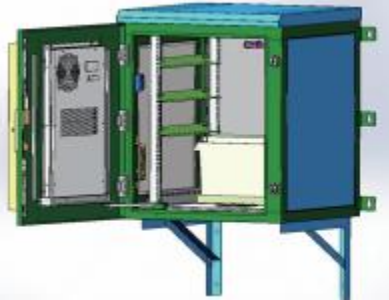
- Wireless Cell Sites and Switches
- Transmission Terminals
- Data center
- Transportation

Technical Parameter

Item	Name	Technical parameter
1	Size	External Size:H*W*D=750*650*650mm（Accept customization）
2	Cabinet layout	One compartment, for installing 19" equipment
3	Cabinet material	Double layer Galvanized steel with EPS thermal isolation
4	Security design	Embedded door, embedded hinges, 2-point security lock
5	Protection level	IP55
6	Color	RAL7035
7	Climate control	AC220V air conditioner and DC48V fan
8	Lighting system	Door sensor+48V LED light(when open the door, the LED will light on;When the door is closed, the LED will go out.)
9	Grounding system	200A Copper bar(13 point M6 and 2 point M8)
10	Working temperature	- 40 ℃ ~ + 55 ℃
11	Working Humidity	≤ 95% (+ 40 ℃)
12	Air Pressure	62kpa ~ 106kpa (similar to 0m ~ 5000m altitude)

Note

The air conditioner can also choose AC 110V 60HZ or DC 48V, and the fan can also choose AC 110V or 220V.
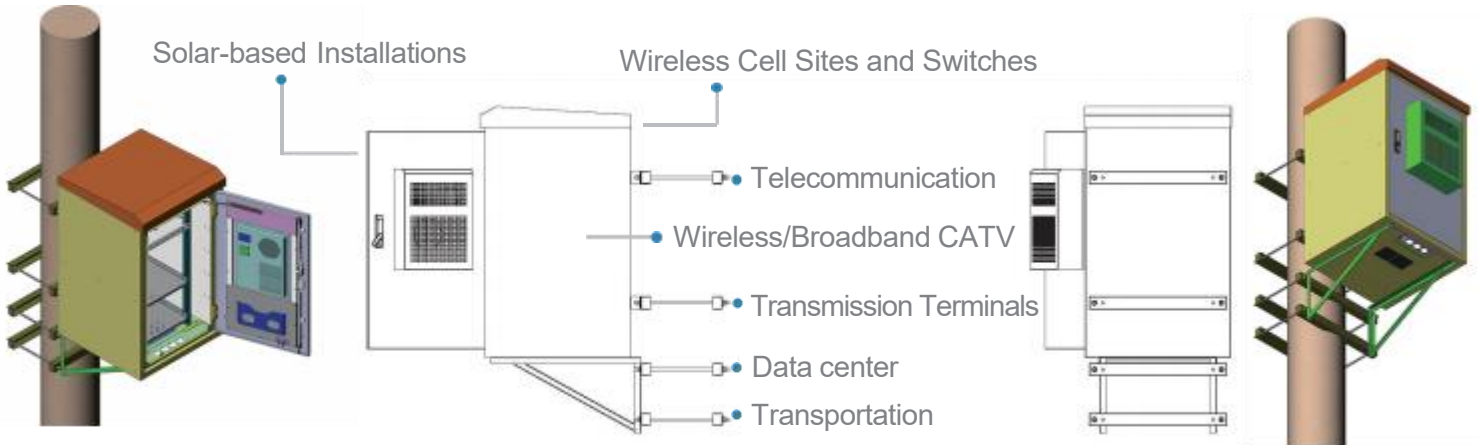
Pole Mount Outdoor Enclosure

Product Description

Pole-mounted outdoor telecom enclosure is a protective housing designed to secure and shield telecommunication equipment from environmental elements. These enclosures are typically installed on pole to house sensitive electronic components and ensure their proper functioning in outdoor settings.
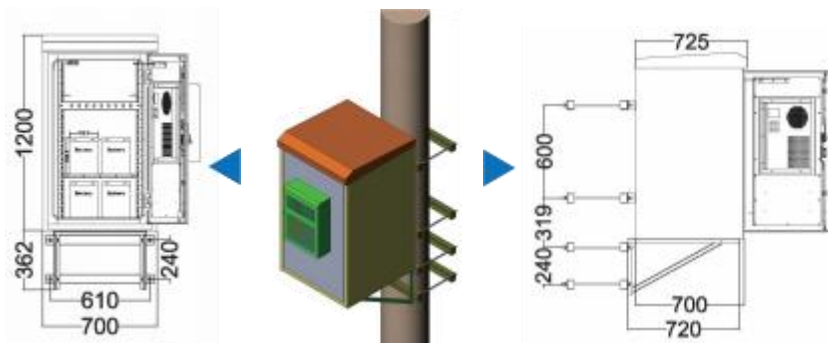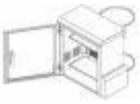
Applications

Solar-based Installations

Wireless Cell Sites and Switches

- Telecommunication
- Wireless/Broadband CATV
- Transmission Terminals
- Data center
- Transportation

Technical Parameter

Item	Name	Technical parameter
1	Size	External Size:H*W*D=1200*700*700mm（Accept customization）
2	Cabinet layout	One compartment, for installing 19" equipment
3	Cabinet material	Double layer Galvanized steel with EPS thermal isolation
4	Security design	Embedded door, embedded hinges, 2-point security lock
5	Protection level	IP55
6	Color	RAL7035
7	Climate control	AC220V air conditioner and DC48V fan
8	Lighting system	Door sensor+48V LED light(when open the door, the LED will light on;When the door is closed, the LED will go out.)
9	Grounding system	200A Copper bar(13 point M6 and 2 point M8)
10	Working temperature	- 40 ℃ ~ + 55 ℃
11	Working Humidity	≤ 95% (+ 40 ℃)
12	Air Pressure	62kpa ~ 106kpa (similar to 0m ~ 5000m altitude)

Note

The air conditioner can also choose AC 110V 60HZ or DC 48V, and the fan can also choose AC 110V or 220V.

Wall/pole Mount Outdoor Enclosure

Product Description

Video monitoring cabinet is made of high-strength cold-rolled steel plate/galvanized steel plate. The shell surface is treated with the industry-leading zinc phosphating pickling rust prevention pretreatment process. The imported weather resistant plastic powder is used for the full-automatic electrostaticspraying process to ensure an ultra long service life.

Characteristic

1) The cabinet structure is firm and the load is large
2) Electrostatic spraying with imported weather resistant powder
3) The surface of the cabinet body is treated by multiple complex processes such as degreasing, pickling, painting after phosphating, which has good corrosion resistance and aging resistance, and can adapt to severe climate change and harsh working environment
4) The lightning arrester and automatic reclosing products are provided with test reports;
5) Built in temperature controller module, with physical cooling mode of lower air inlet and upper air outlet
6) Professional outdoor door locks cooperate with magnetic door alarm switches to achieve multi-layer alarm protection
7) The box installation is flexible and diverse, supporting different installation methods such as wall hanging, pole holding, and floor standing
8) Made of 1.2mm steel plate
9) Two built-in shelves and one backplane (supporting any electrical equipment).

Full product description

It is applied to the installation of outdoor environments such as Skynet Project, Ping'an City, Smart City, Smart Traffic, electric police checkpoint monitoring, video monitoring, social security, global eye and other video monitoring systems,security private network systems, intelligent transportation systems (ITS), highway video monitoring systems, video monitoring communities, enterprise production plant monitoring, bank and school security monitoring.
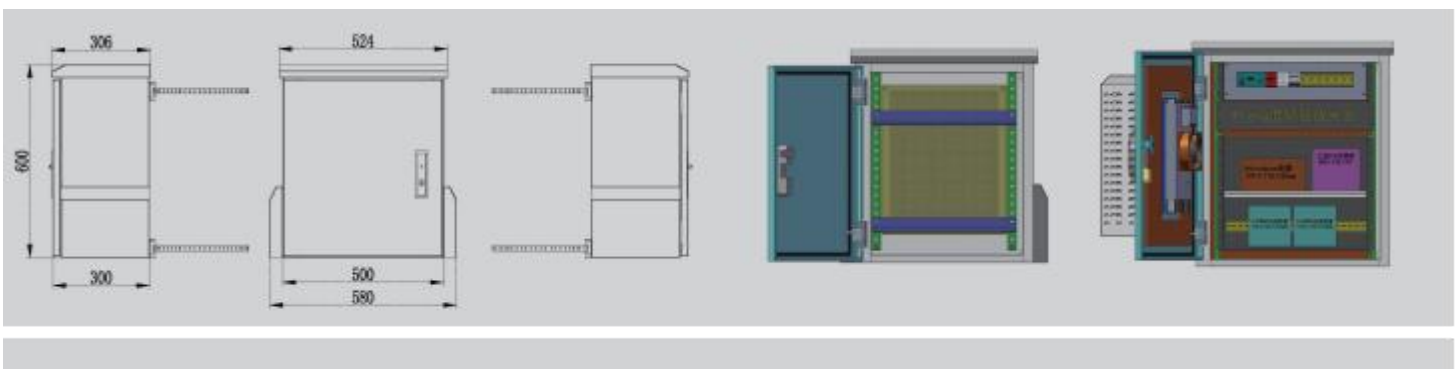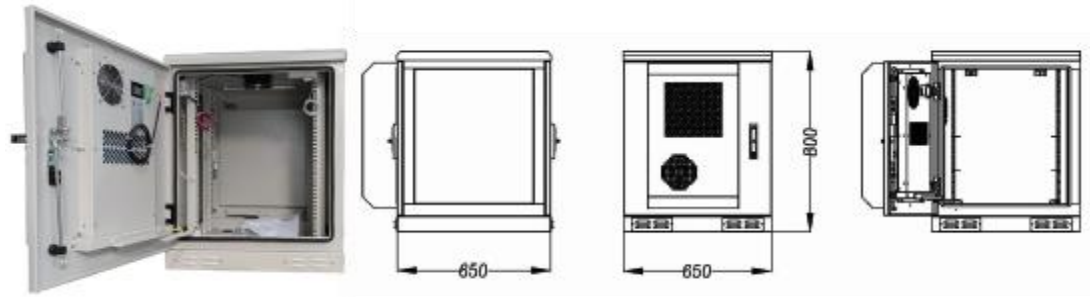
Floor Stand Outdoor Telecom Enclosure

14U
outdoor telecom cabinet

Product Description

Floor stand outdoor telecom enclosure is a protective housing designed to secure and shield telecommunication equipment from environmental elements. These enclosures are typically installed on exterior walls to house sensitive electronic components and ensure their proper functioning in outdoor settings.

Climate Control option

Air conditioner	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V, cooling capacity from 300W-5000W.
Heat exchanger	DC48V,40W/K-200W/K
Combined air conditioner & heat exchanger	AC220V 50HZ and DC48V 1500W&80W/K
TEC	DC48V, 200W-1200W
Fan	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V

Applications

- Telecommunication
- Wireless/Broadband CATV
- Solar-based Installations
- Wireless Cell Sites and Switches
- Transmission Terminals
- Data center
- Transportation

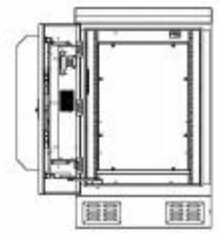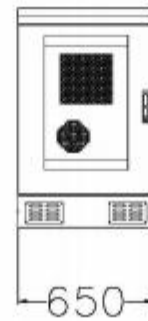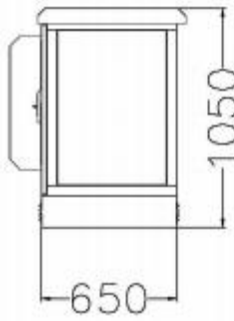## 14U floor stand outdoor telecom cabinet parameter

Item	Name	Technical parameter
1	Size	External Size:H*W*D=800*650*650mm
2	Cabinet layout	One compartment, for installing 19" equipment
3	Cabinet material	Double layer Galvanized steel with EPS thermal isolation
4	Security design	Embedded door, embedded hinges, 3-point security lock
5	Protection level	IP55
6	Color	RAL7035
7	Climate control	AC220V air conditioner and DC48V fan
8	Lighting system	Door sensor+48V LED light(when open the door, the LED will light on;When the door is closed, the LED will go out.)
9	Grounding system	200A Copper bar(13 point M6 and 2 point M8)
10	Working temperature	- 40 ℃ ~ + 55 ℃
11	Working Humidity	≤ 95% (+ 40 ℃)
12	Air Pressure	62kpa ~ 106kpa (similar to 0m ~ 5000m altitude)

Floor Stand Outdoor Telecom Enclosure

18U
outdoor telecom cabinet

Product Description

Floor stand outdoor telecom enclosure is a protective housing designed to secure and shield telecommunication equipment from environmental elements. These enclosures are typically installed on exterior walls to house sensitive electronic components and ensure their proper functioning in outdoor settings.

Climate Control option

Air conditioner	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V, cooling capacity from 300W-5000W.
Heat exchanger	DC48V,40W/K-200W/K
Combined air conditioner & heat exchanger	AC220V 50HZ and DC48V 1500W&80W/K
TEC	DC48V, 200W-1200W
Fan	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V

Applications

- Telecommunication
- Wireless/Broadband CATV
- Solar-based Installations
- Wireless Cell Sites and Switches
- Transmission Terminals
- Data center
- Transportation

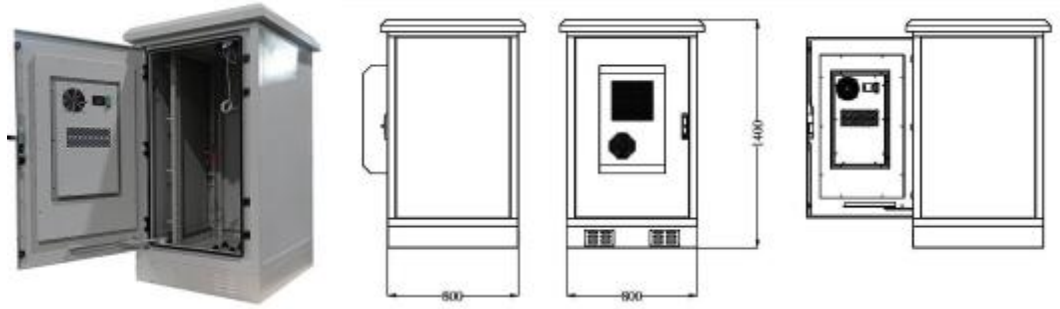## 18U floor stand outdoor telecom cabinet parameter

Item	Name	Technical parameter
1	Size	External Size:H*W*D=1050*650*650mm
2	Cabinet layout	One compartment, for installing 19" equipment
3	Cabinet material	Double layer Galvanized steel with EPS thermal isolation
4	Security design	Embedded door, embedded hinges, 3-point security lock
5	Protection level	IP55
6	Color	RAL7035
7	Climate control	AC220V air conditioner and DC48V fan
8	Lighting system	Door sensor+48V LED light(when open the door, the LED will light on;When the door is closed, the LED will go out.)
9	Grounding system	200A Copper bar(13 point M6 and 2 point M8)
10	Working temperature	- 40 ℃ ~ + 55 ℃
11	Working Humidity	≤ 95% (+ 40 ℃)
12	Air Pressure	62kpa ~ 106kpa (similar to 0m ~ 5000m altitude)

Floor Stand Outdoor Telecom Enclosure

26U
outdoor telecom cabinet

Product Description

Floor stand outdoor telecom enclosure is a protective housing designed to secure and shield telecommunication equipment from environmental elements. These enclosures are typically installed on exterior walls to house sensitive electronic components and ensure their proper functioning in outdoor settings.

Climate Control option

Air conditioner	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V, cooling capacity from 300W-5000W.
Heat exchanger	DC48V,40W/K-200W/K
Combined air conditioner & heat exchanger	AC220V 50HZ and DC48V 1500W&80W/K
TEC	DC48V, 200W-1200W
Fan	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V

Applications

- Telecommunication
- Wireless/Broadband CATV
- Solar-based Installations
- Wireless Cell Sites and Switches
- Transmission Terminals
- Data center
- Transportation

26U floor stand outdoor telecom cabinet parameter

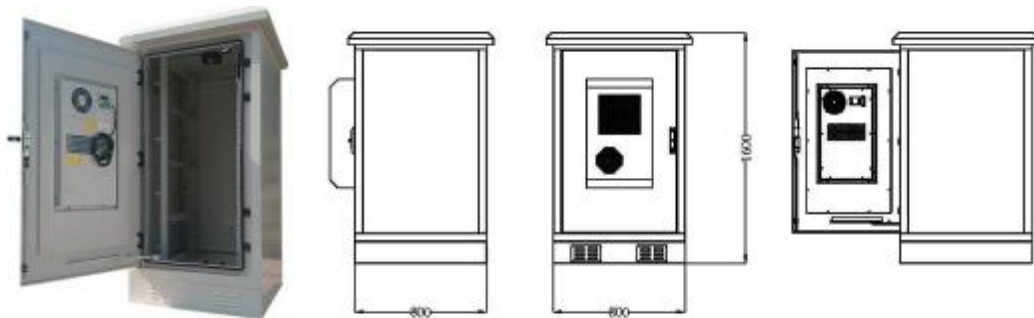| Item	Name	Technical parameter
1	Size	External Size:H*W*D=1400*800*800mm
2	Cabinet layout	One compartment, for installing 19" equipment
3	Cabinet material	Double layer Galvanized steel with EPS thermal isolation
4	Security design	Embedded door, embedded hinges, 3-point security lock
5	Protection level	IP55
6	Color	RAL7035
7	Climate control	AC220V air conditioner and DC48V fan
8	Lighting system	Door sensor+48V LED light(when open the door, the LED will light on;When the door is closed, the LED will go out.)
9	Grounding system	200A Copper bar(13 point M6 and 2 point M8)
10	Working temperature	- 40 ℃ ～ + 55 ℃
11	Working Humidity	≤ 95% (+ 40 ℃)
12	Air Pressure	62kpa ～ 106kpa (similar to 0m ～ 5000m altitude)

Floor Stand Outdoor Telecom Enclosure

30U
outdoor telecom cabinet

Product Description

Floor stand outdoor telecom enclosure is a protective housing designed to secure and shield telecommunication equipment from environmental elements. These enclosures are typically installed on exterior walls to house sensitive electronic components and ensure their proper functioning in outdoor settings.

Climate Control option

Air conditioner	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V, cooling capacity from 300W-5000W.
Heat exchanger	DC48V,40W/K-200W/K
Combined air conditioner & heat exchanger	AC220V 50HZ and DC48V 1500W&80W/K
TEC	DC48V, 200W-1200W
Fan	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V

Applications

- Telecommunication
- Wireless/Broadband CATV
- Solar-based Installations
- Wireless Cell Sites and Switches
- Transmission Terminals
- Data center
- Transportation
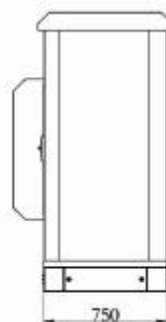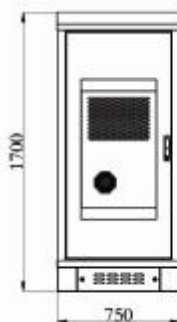
30U floor stand outdoor telecom cabinet parameter

Item	Name	Technical parameter
1	Size	External Size:H*W*D=1600*800*800mm
2	Cabinet layout	One compartment, for installing 19" equipment
3	Cabinet material	Double layer Galvanized steel with EPS thermal isolation
4	Security design	Embedded door, embedded hinges, 3-point security lock
5	Protection level	IP55
6	Color	RAL7035
7	Climate control	AC220V air conditioner and DC48V fan
8	Lighting system	Door sensor+48V LED light(when open the door, the LED will light on;When the door is closed, the LED will go out.)
9	Grounding system	200A Copper bar(13 point M6 and 2 point M8)
10	Working temperature	- 40 ℃ ~ + 55 ℃
11	Working Humidity	≤ 95% (+ 40 ℃)
12	Air Pressure	62kpa ~ 106kpa (similar to 0m ~ 5000m altitude)

Floor Stand Outdoor Telecom Enclosure

32U
outdoor telecom cabinet

Product Description

Floor stand outdoor telecom enclosure is a protective housing designed to secure and shield telecommunication equipment from environmental elements. These enclosures are typically installed on exterior walls to house sensitive electronic components and ensure their proper functioning in outdoor settings.

Climate Control option

Air conditioner	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V, cooling capacity from 300W-5000W.
Heat exchanger	DC48V,40W/K-200W/K
Combined air conditioner & heat exchanger	AC220V 50HZ and DC48V 1500W&80W/K
TEC	DC48V, 200W-1200W
Fan	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V

Applications

- Telecommunication
- Wireless/Broadband CATV
- Solar-based Installations
- Wireless Cell Sites and Switches
- Transmission Terminals
- Data center
- Transportation
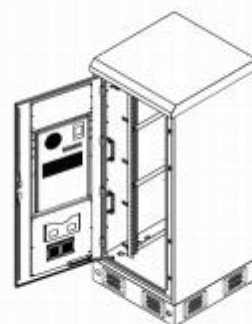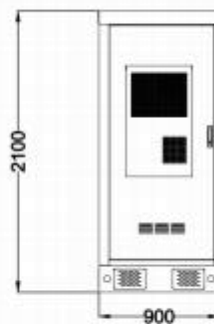
32U floor stand outdoor telecom cabinet parameter

Item	Name	Technical parameter
1	Size	External Size:H*W*D=1700*750*750mm
2	Cabinet layout	One compartment, for installing 19" equipment
3	Cabinet material	Double layer Galvanized steel with EPS thermal isolation
4	Security design	Embedded door, embedded hinges, 3-point security lock
5	Protection level	IP55
6	Color	RAL7035
7	Climate control	AC220V air conditioner and DC48V fan
8	Lighting system	Door sensor+48V LED light(when open the door, the LED will light on;When the door is closed, the LED will go out.)
9	Grounding system	200A Copper bar(13 point M6 and 2 point M8)
10	Working temperature	- 40 ℃ ～ + 55 ℃
11	Working Humidity	≤ 95% (+ 40 ℃)
12	Air Pressure	62kpa ～ 106kpa (similar to 0m ～ 5000m altitude)

Floor Stand Outdoor Telecom Enclosure

42U
outdoor telecom cabinet

Product Description

Floor stand outdoor telecom enclosure is a protective housing designed to secure and shield telecommunication equipment from environmental elements. These enclosures are typically installed on exterior walls to house sensitive electronic components and ensure their proper functioning in outdoor settings.

Climate Control option

Air conditioner	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V, cooling capacity from 300W-5000W.
Heat exchanger	DC48V,40W/K-200W/K
Combined air conditioner & heat exchanger	AC220V 50HZ and DC48V 1500W&80W/K
TEC	DC48V, 200W-1200W
Fan	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V

Applications

- Telecommunication
- Wireless/Broadband CATV
- Solar-based Installations
- Wireless Cell Sites and Switches
- Transmission Terminals
- Data center
- Transportation
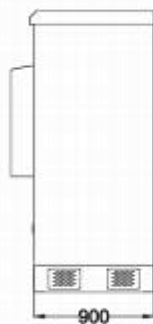
42U floor stand outdoor telecom cabinet parameter

Item	Name	Technical parameter
1	Size	External Size:H*W*D=2100*900*900mm
2	Cabinet layout	One compartment, for installing 19" equipment
3	Cabinet material	Double layer Galvanized steel with EPS thermal isolation
4	Security design	Embedded door, embedded hinges, 3-point security lock
5	Protection level	IP55
6	Color	RAL7035
7	Climate control	AC220V air conditioner and DC48V fan
8	Lighting system	Door sensor+48V LED light(when open the door, the LED will light on;When the door is closed, the LED will go out.)
9	Grounding system	200A Copper bar(13 point M6 and 2 point M8)
10	Working temperature	- 40 ℃ ~ + 55 ℃
11	Working Humidity	≤ 95% (+ 40 ℃)
12	Air Pressure	62kpa ~ 106kpa (similar to 0m ~ 5000m altitude)

Outdoor Battery Cabinet

Product Description

Outdoor battery cabinet is a specialized enclosure designed to house and manage energy storage systems. These cabinets are crucial components in various applications, including renewable energy systems, backup power solutions, and electric vehicle charging stations. The primary purpose of an energy storage cabinet is to provide a secure and controlled environment for the batteries or energy storage devices it contains.

92kwh outdoor lithium battery cabinet parameter

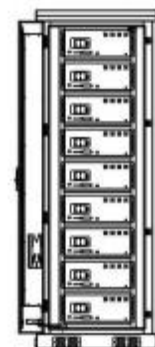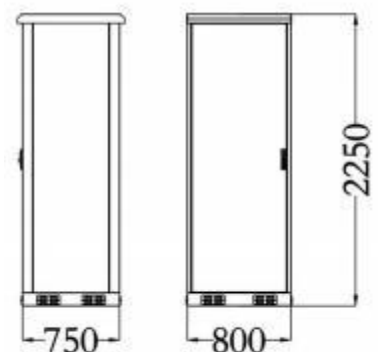| Item	Name	Technical parameter
1	Size	External Size:H*W*D=2250*800*750mm
2	Cabinet layout	One compartment, Customized lithium battery rack
3	Cabinet material	Double layer Galvanized steel with EPS thermal isolation
4	Security design	Embedded door, embedded hinges, 4-point security lock
5	Protection level	IP55
6	Color	RAL7035
7	Climate control	DC48V fan
8	Lighting system	Door sensor+48V LED light(when open the door, the LED will light on;When the door is closed, the LED will go out.)
9	Grounding system	200A Copper bar(13 point M6 and 2 point M8)
10	Working temperature	- 40 ℃ ~ + 55 ℃
11	Working Humidity	≤ 95% (+ 40 ℃)
12	Air Pressure	62kpa ~ 106kpa (similar to 0m ~ 5000m altitude)

Climate Control option

Air conditioner ...... AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V, cooling capacity from 300W-5000W.

Heat exchanger DC48V,40W/K-200W/K

Combined air conditioner & heat exchanger ...... AC220V 50HZ and DC48V 1500W&80W/K

TEC DC48V, 200W-1200W

Fan ...... AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V

2250
750
800

Outdoor Battery Cabinet

Product Description

Outdoor battery cabinet is a specialized enclosure designed to house and manage energy storage systems. These cabinets are crucial components in various applications, including renewable energy systems, backup power solutions, and electric vehicle charging stations. The primary purpose of an energy storage cabinet is to provide a secure and controlled environment for the batteries or energy storage devices it contains.

123kwh outdoor lithium battery cabinet parameter

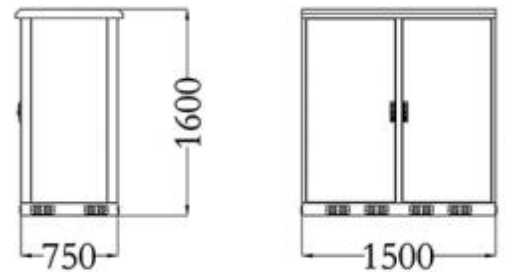| Item	Name	Technical parameter
1	Size	External Size:H*W*D=1600*1500*750mm
2	Cabinet layout	One compartment, Customized lithium battery rack
3	Cabinet material	Double layer Galvanized steel with EPS thermal isolation
4	Security design	Embedded door, embedded hinges, 4-point security lock
5	Protection level	IP55
6	Color	RAL7035
7	Climate control	DC48V fan
8	Lighting system	Door sensor+48V LED light(when open the door, the LED will light on;When the door is closed, the LED will go out.)
9	Grounding system	200A Copper bar(13 point M6 and 2 point M8)
10	Working temperature	- 40 ℃ ~ + 55 ℃
11	Working Humidity	≤ 95% (+ 40 ℃)
12	Air Pressure	62kpa ~ 106kpa (similar to 0m ~ 5000m altitude)

Climate Control option

Air conditioner	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V, cooling capacity from 300W-5000W.
Heat exchanger	DC48V,40W/K-200W/K
Combined air conditioner & heat exchanger	AC220V 50HZ and DC48V 1500W&80W/K
TEC	DC48V, 200W-1200W
Fan	AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V

Outdoor Fiber Cabinet

Product Description

It can complete the functions of the introduction, fixing and stripping protection of optical cable, the fusion and protection of optical fibers, the storage, parking and routing management of tail fibers, and provide the functions of direct fusion of optical fibers and non-jumping wiring. It can install value-added module units such as optical splitter and wavelength division multiplexer according to customer's requirements. It is widely used in ODN optical fiber communication network.

Product Model

No	Name	Maximum capacity(core)	Model	Box material	Overall dimension (mm)H*W*D
1	Fiber optic handover box (wall mounted)	24	GPX80-A24	SMC	420*320*120
2		48	GPX80-A48	SMC	450*315*185
3		72	GPX80-A72	SMC	450*315*185
4	Fiber optic handover box (floor stand)	144	GPX80-B144	SMC	960*525*325
				SS304	1150*750*320
5		288	GPX80-B288	SMC	1450*750*325
				SS304	1450*750*320
6		576	GPX80-B576	SMC	1450*750*620
				SS304	1450*750*640

Product features

1.SMC box, sheet metal box and stainless steel box, modular structure, the introduction of optical cable stripping, scheduling can achieve full front operation;
2.It can satisfy the requirements of both ribbon and non-ribbon optical cables;
3. Separation of trunk routing and wiring end routing can realize cross-free fibre hopping, wiring adjustment and maintenance convenience.

Technical Parameters

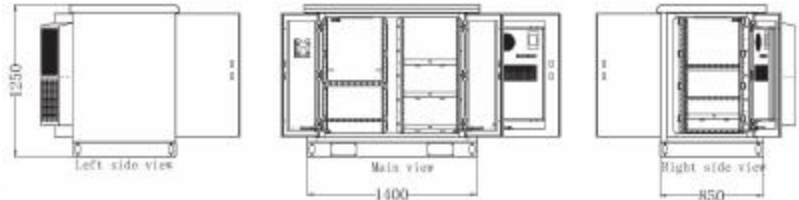|	
Fiber bending radius	>37.5mm(protective tubes are furnished for fibers passing through metallic holes.)
Cable Bending Radius	>15 times of cable diameter
Nominal working wavelength	850nm,1310nm,1550nm
Insertion loss	≤0.2dB
Return loss	≥45dB (PC), ≥50dB (UPC), ≥60dB (APC)
Durability	>1000 times
Insulation resistance	≥1,000MΩ/500V(DC)
Voltage resistance	≥3,000V(DC), 1 min no puncture, no arc-over
Vertical Pressure	>980N
Atmospheric Pressure	70~106KPa
Relative Humidity	≤95% (+40°C)
Operating Temperature	-40°C~+60°C
Storage Temperature	-40°C~+60°C

Multi Bay Outdoor Enclosure

Product Description

Multi Bay Outdoor Enclosure is a protective housing designed to secure and shield telecommunication equipment from environmental elements. These enclosures are typically installed on floor to house sensitive electronic components and ensure their proper functioning in outdoor settings.

2 Bay 24U outdoor cabinet parameter

- External Size ： H*W*D=1250*1400*850mm

- Protection level ： IP55

- Color：RAL7035

- Working Humidity: ≤95% (+ 40 ℃)

1

Applications

- Telecommunication
- Wireless/Broadband CATV
- Solar-based Installations
- Wireless Cell Sites and Switches
- Transmission Terminals
- Datacenter
- Transportation

2

Climate Control option

- Air conditioner：AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V, cooling capacity from 300W-5000W.
- Heat exchanger：DC48V,40W/K-200W/K
- Combined air conditioner & heat exchanger: AC220V 50HZ and DC48V1500W&80W/K
- TEC:DC48V, 200W-1200W
- Fan:AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V

- Cabinet material ： Double layer Galvanized steel with EPS thermal isolation

- Cabinet layout：Two compartment, One bay for installing 19inch/23inch equipment, One bay for backup lithium battery

- Security design ： Embedded door, embedded hinges, 4-point security lock

- Climate control：AC220V air conditioner and DC48V fan

- Lighting system ： Door sensor+48V LED light(when open the door, the LED will light on; When the door is closed, the LED will go out.)

- Grounding system：200A Copper bar(13 point M6 and 2 point M8)

- Working temperature：- 40 ℃ ~ + 55 ℃

- Air Pressure：62kpa ~ 106kpa (similar to 0m ~ 5000m altitude)

Multi Bay Outdoor Enclosure

2 Bay 42U outdoor cabinet parameter

■ External Size:H*W*D=2100*1600*900mm

■ Protection level：IP55
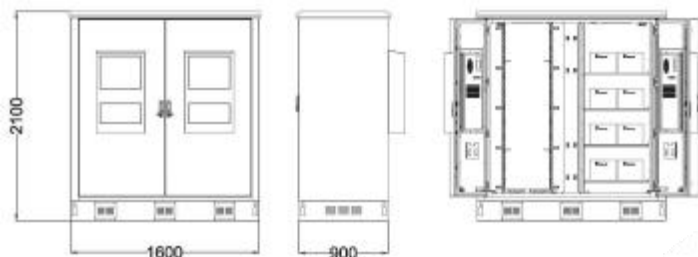
■ Color：RAL7035

■ Working Humidity:
 ≤ 95% (+ 40 ℃)

■ Cabinet material：Double layer Galvanized steel with EPS thermal isolation

■ Cabinet layout：Two compartment, One bay for installing 19inch/23inch equipment, One bay for backup Acid battery

■ Security design：Embedded door, embedded hinges, 4-point security lock

■ Climate control：AC220V air conditioner and DC48V fan

■ Lighting system：Door sensor+48V LED light(when open the door, the LED will light on; When the door is closed, the LED will go out.)

■ Grounding system：200A Copper bar(13 point M6 and 2 point M8)

■ Working temperature：- 40 ℃ ～ + 55 ℃

■ Air Pressure：62kpa ~ 106kpa (similar to 0m ~ 5000m altitude)

Product Description

Multi Bay Outdoor Enclosure is a protective housing designed to secure and shield telecommunication equipment from environmental elements. These enclosures are typically installed on floor to house sensitive electronic components and ensure their proper functioning in outdoor settings.

1

Applications

Telecommunication •
Wireless/Broadband CATV •
Solar-based Installations •
Wireless Cell Sites and Switches •
Transmission Terminals •
Datacenter •
Transportation •

2

Climate Control option

• Air conditioner：AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V, cooling capacity from 300W-5000W.

• Heat exchanger：DC48V,40W/K-200W/K

• Combined air conditioner & heat exchanger: AC220V 50HZ and DC48V1500W&80W/K TEC:DC48V, 200W-1200W
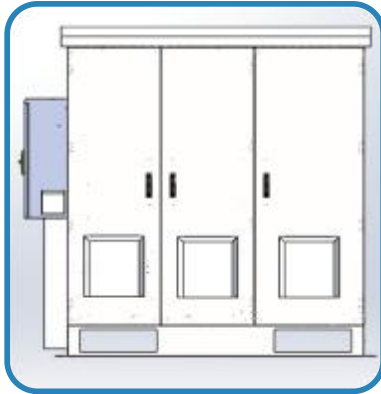
• Fan:AC220V 50HZ,AC220V 60HZ,AC110V 60HZ or DC48V

Customized Enclosure

CYTECH tailors the sheet metal cabinet shell for your project, quickly makes samples, and professional engineers coordinate to solve various technical difficulties, ensuring the smooth completion of your project.

Customized Service

Color
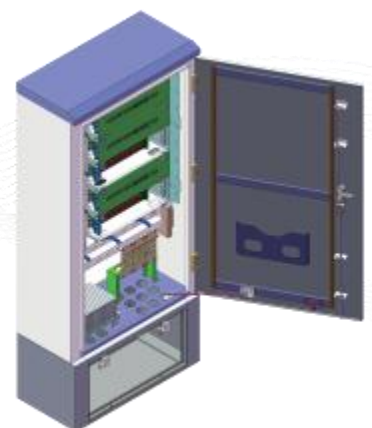Logo
Size
Material
Structure
Parameters
Accessories
Usage

Material can be Constructed of durable galvanized steel, sandwich steel panel,stainless steel,aluminium alloy.

fluorescent lamp

light switch

Cooling fan

grounding copper bar

Standard configuration
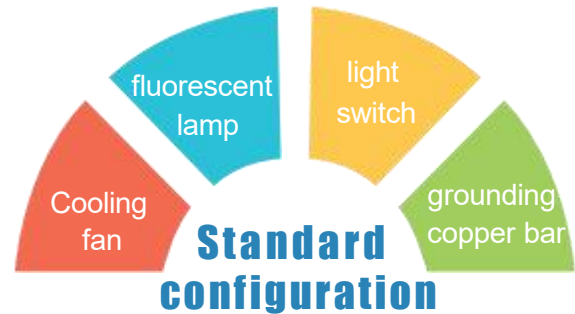
Notes on the process of customized sheet metal cabinets

- No welding slag: No welding slag should be present during sheet metal processing welding.
- No deformation: During welding, there should be no deformation of the components caused by welding.
- Surface needs to be ground flat: During welding, the surface of the components should be ground flat after welding.
- Support customer customization: We will strictly produce sheet metal cabinets according to customer requirements, with an error rate +/- 1mm tolerance.
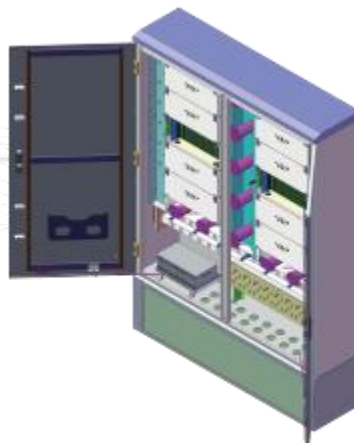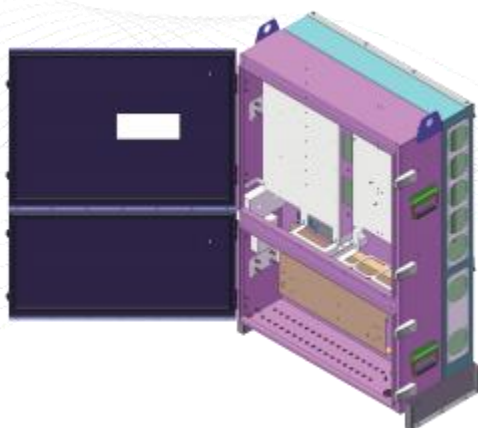
Customized Enclosure

How to customize your cabinets & enclosures?

- Identify the purpose: storage, organization, display, etc.
- Determine the size, dimensions, and weight capacity requirements.
- Consider any specific features or functionalities required, such as drawers,shelves, doors, locks, etc.

Define Purpose and Requirements:

01

- Choose a suitable sheet metal material based on the cabinet's purpose and environment.
- Common materials include steel, aluminum, or stainless steel.
- Consider the thickness of the sheet metal based on the load-bearing requirements.

02

Material Selection:

- Create rough sketches or drawings of your cabinet design.
- Include dimensions, angles, and details of all components.
- Sketch the assembly process to ensure all parts fit together seamlessly.

03

Sketch the Design:

- Consider designing the cabinet in modular components for ease of manufacturing and assembly.
-Modular designs also allow for easier transportation and potential future modifications.

04

Modular Design:

05

- Choose appropriate joining methods for sheet metal components. Common methods include welding, riveting, or using nuts and bolts.
- Ensure that the chosen method provides sufficient strength for the intended use.

Joining Methods:

Application case

Wall Mount Outdoor Enclosure

Wall Mount Outdoor Enclosure

Floor Stand Outdoor Telecom Enclosure

Cytech Technology

Website:www.cytechorg.com

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Email:info@cytech.org.cn