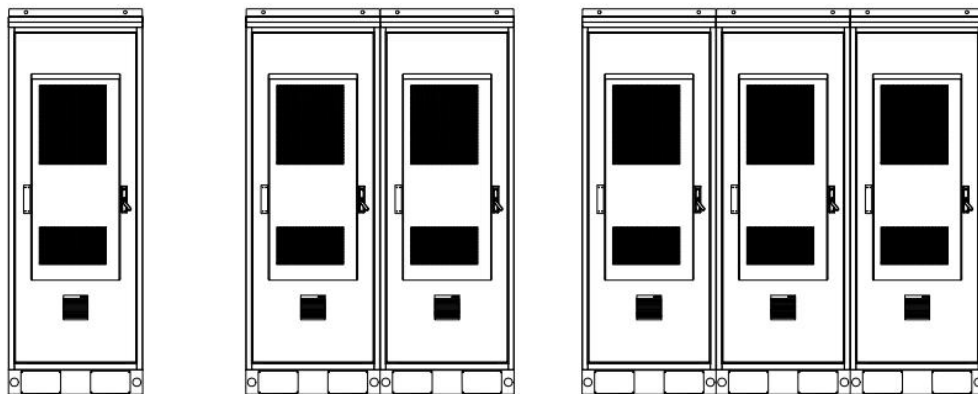




User Manual

Combined outdoor telecom cabinet



Note: Please read carefully before use, and contact us for more information!

Changzhou Chen Tong Yuan Communication Equipment Co.,Ltd

Email: info@cytech.org.cn

1. Product introduction

Because traditional parallel cabinets have many problems when used in combination:

- 1) Electric wires and cables need to pass through the bottom, making construction difficult;
- 2) The direction of the cabinet doors is consistent, and multiple cabinet combinations may have interference issues with the doors;
- 3) Each cabinet needs to be equipped with air conditioning, which incurs high investment costs.

So we have designed a brand new outdoor communication cabinet that can be combined more conveniently.

The combination of outdoor communication cabinets has the following characteristics:

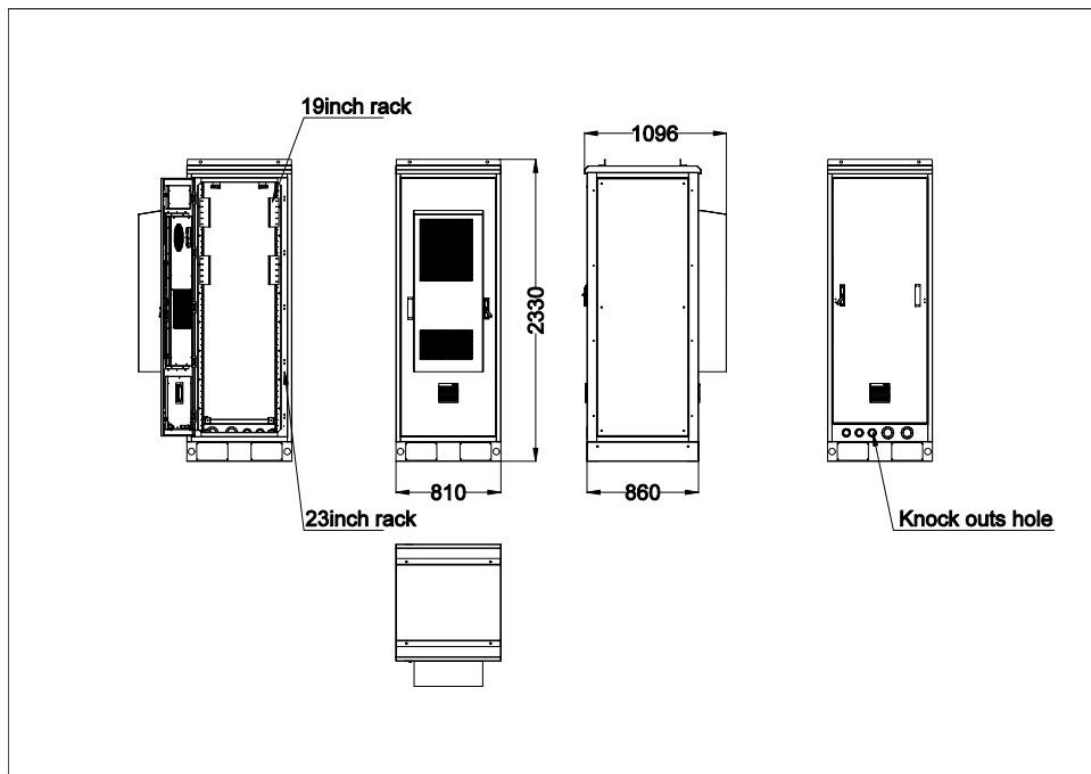
- 1) The cabinet side panels can be removed during assembly;
- 2) Cabinet bases can be switched between single cabinet bases, two cabinet bases, three cabinet bases, and even more;
- 3) The direction of the cabinet door can be switched left and right, so as not to cause interference from the door;
- 4) Air conditioning cooling capacity: 3000W;
- 5) Air conditioning can be installed on any one or two cabinets.

2. Product Specification

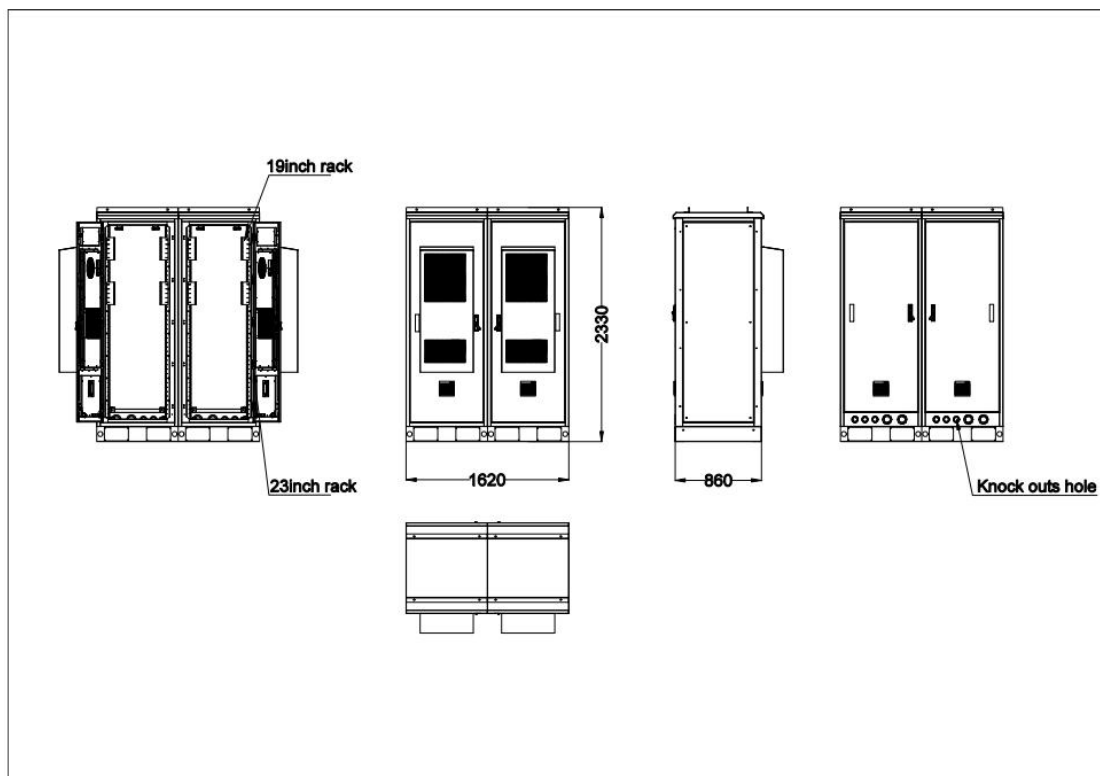
Item	Name	Technical parameter
1	Size	External Size:H*W*D=2330*810*860mm
2	Cabinet layout	One compartment, for installing 19"/23" equipment
3	Cabinet material	Double layer Galvanized steel with EPS thermal isolation
4	Security design	Embedded door, embedded hinges, 3-point security lock
5	Protection level	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 °C ~ + 55 °C
11	Working Humidity	≤ 95% (+ 40 °C)
12	Air Pressure	62kpa ~ 106kpa (similar to 0m ~ 5000m altitude)

3. Example of cabinet combination

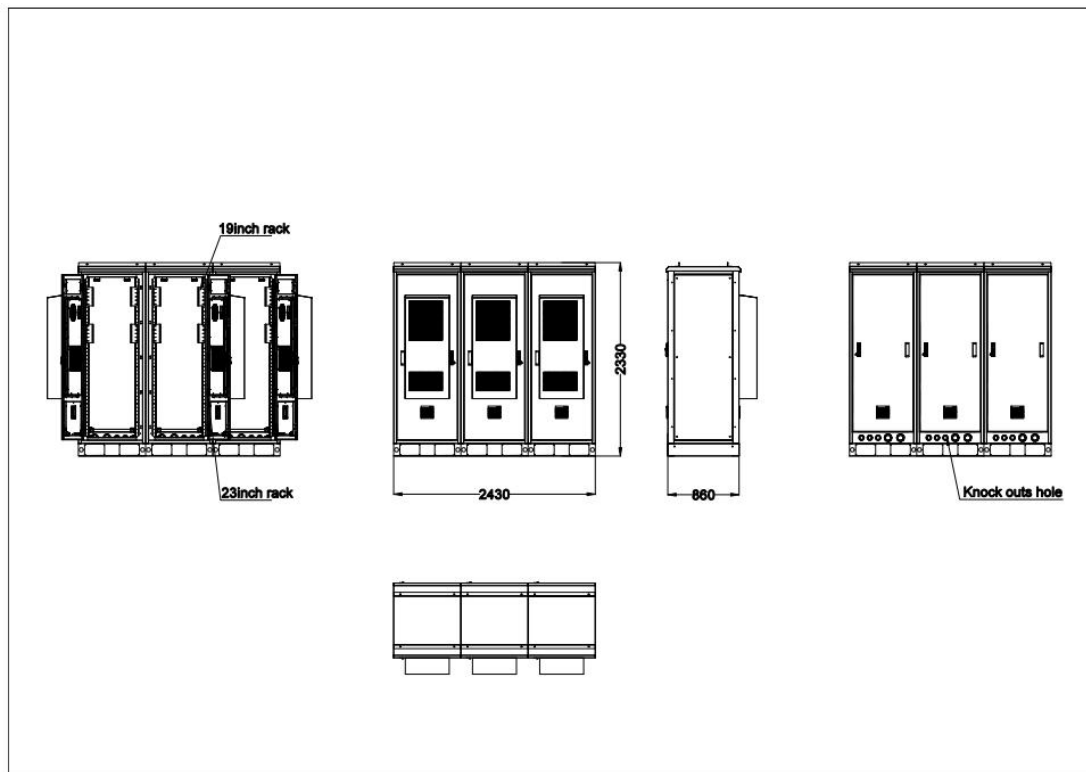
3.1 single cabinet



3.2 Two cabinets combination



3.3 Three cabinets combination



4. Installation

Observe the following site preparation recommendations.

- ◆ Leave adequate horizontal and vertical space between multiple installations to allow for proper cable access, as well as enough room around the enclosure to open the door(s).
- ◆ The site must meet minimal personnel and equipment safety requirements.
- ◆ The distance from the cable entry point should be consistent with local installation practices.
- ◆ The pad must be able to support the weight of the CUBE.
- ◆ Run all fiber and copper facilities to the site.

5. Daily maintenance

In order to ensure the reliability of the power supply system, it is necessary to do the daily maintenance work, so that the power system works at the most Good condition. Specific maintenance matters are as follows:

- ◆ Clean the power supply regularly to prevent dust accumulation and other phenomena.
- ◆ Clean the power supply regularly to prevent dust accumulation and other phenomena. Check the parameters of the power system once a week. If there is any abnormality, it should be eliminated in time. If there is any alarm in the system, it should be handled in time.
- ◆ Every month or after the thunderstorm should check whether the lightning protection device is damaged, if damaged should be replaced in time.
- ◆ Check the fuse once a month, and have a certain number of spare fuse, in case of failure can be replaced in time.
- ◆ Check the input and output cables once a month. Check the connection end of the cable for looseness and bad contact. Check whether the cable is intact, if damaged, replace it in time.
- ◆ Half a year to check whether each air switch can be flexible switch, whether there is burning

and other abnormal conditions.

◆ Battery maintenance according to the battery of the relevant instructions.

6. Packing, transportation and storage

6.1 Transportation

1. Transportation of products shall be carried out in good packaging and covered with canvas to prevent moisture and rain, snow or liquid substances from being washed during transportation.
2. Stacking should be orderly, compact, reasonable, safe and reliable, to prevent the damage caused by shaking in the process of transportation, do not put upside down.
3. During long-distance transportation, it is not allowed to be loaded in an open boat or carriage, and it is not allowed to be placed in an open warehouse during transit, and it is not allowed to be loaded with inflammable, explosive and corrosive articles during transportation.
4. In the process of handling, it shall be carried gently and shall not be turned upside down to prevent mechanical damage of product components.
5. In transportation, the number of transshipment should be minimized. Mechanical operation should be used in transportation and loading and unloading to avoid rough loading and unloading.

6.2 Storage

1. Six months from the date of packaging. During this period, the warehouse where the products are stored shall be well ventilated and the acidic, alkaline or other harmful gases in the air shall meet the requirements of environmental protection regulations.
2. All packing cases are required to be moisture-proof, that is, the packages should be placed more than 30cm from the ground and more than 40cm from the wall.
3. Packing cases shall be stacked in strict accordance with the storage and transportation drawings on the boxes, and the number of stacking layers shall not be greater than the limit number of layers specified in each box.
4. The packaged products should be immediately delivered for use after acceptance, or the storage and transportation period should be controlled within half a year, and the unpacking period should not exceed 3 months after the goods arrive at the destination.
5. In case of special circumstances, the parties may agree to determine the specific requirements for storage and transportation of equipment.

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Website: www.cytechorg.com