

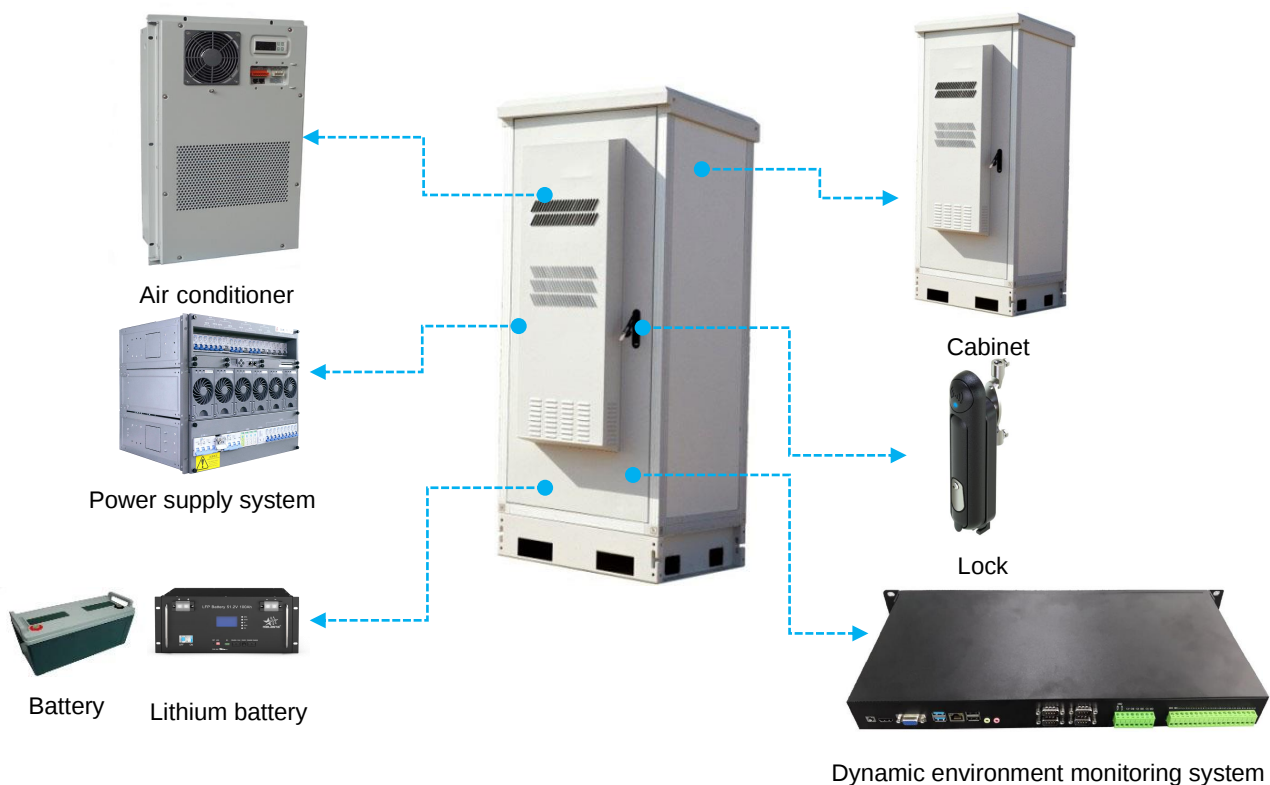
Introduce

Base station outdoor cabinets provide special solutions for various communication base station, such as big base station, distributed base station. It can be applied in different environments. Main types: aluminum assembled outdoor cabinets, sheet metal welded outdoor cabinets, and sheet metal assembled outdoor cabinets.

The outdoor cabinet provides a miniaturized and highly integrated MINI machine room for modern stations. It has a series of advantages that cannot be replaced by traditional machine rooms and has been widely used in communication construction. The cabinet can be flexibly customized according to different use requirements and can fully meet the installation and use of different environments. In the temperature control part, air conditioners, heat exchangers, all-in-one air conditioners and fans can be used to meet the temperature control requirements.

Application

Mountaintops, plazas, rooftops, railway sides, highways, and other remote areas that require wireless coverage.



Characteristic

- Small floor area, 50% less than the traditional machine room;
- Sub compartment temperature control system, energy saving 40%-60%.
- Product standardization, modular design, standard cabin as the unit, according to the function of flexible configuration combination.
- Can be assembled or disassembled, easy site selection, easy deployment.
- Fast installation and reduced engineering costs.

Parameters

- Case Material: Aluminum frame + steel sandwich panel structure. The thickness of the panel is not less than 45mm.
- Protection Grade: IP55.
- Heat Dissipation Way: TEC air conditioner, heat exchanger.
- Outdoor electrostatic powder spray processing, beautiful and generous appearance, excellent weather resistance.
- Integrated functional modules are subdivided for easy maintenance.
- Three-point or four-point locking, no exposed detachable fasteners on the cabinet body, good anti-theft performance.
- Equipped with embedded switching power supply, AC power distribution unit, battery.
- Centralized monitoring of temperature, humidity, smoke, water immersion, access control and other functions.
- Signal cables, power cables and optical fibers are laid separately, which is convenient for maintenance and construction.
- Can install 19 inch or 21-inch equipment, including MDF, DDF module and ODF.

Different Configurations

Type A—Classified by cabins: According to the capacity of equipment, determine the single, double and third cabin, and cabin height.

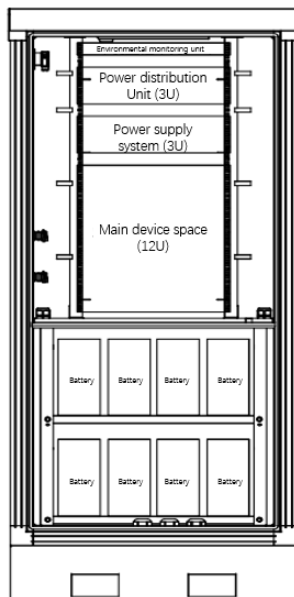
Type B—Classified by subsystems: Select power supply, monitoring, and cable configurations based on the communication device requirements.

Type C—Classified by temperature control systems: Select an appropriate temperature control system according to the performance of the communication equipment.

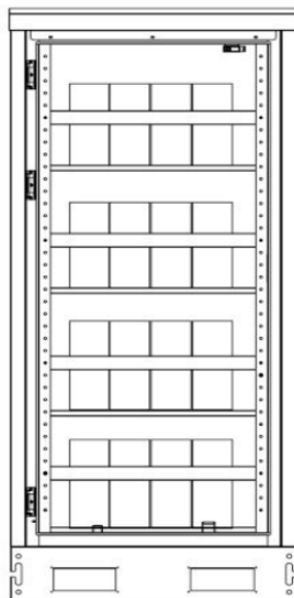
Configuration Table

Cabin Qty.	Type	Dimensions (HxWxD) mm	Inner Size (HxWxD) mm	Remark
1 Cabin	Battery Cabinet	2100×905×905	1800×800×800	Including Equipment mounting holder and accessories
	Equipment Cabinet	2100×905×905	1800×800×800	
	Combination Cabinet	2100×905×905	1800×800×800	
	Battery Cabinet	1700×905×905	1400×800×800	
	Equipment Cabinet	1700×905×905	1400×800×800	
	Combination Cabinet	1700×905×905	1400×800×800	
	Combination Cabinet	1300×950×950	1000×845×845	
2 Cabinets	Battery Cabinet + Equipment Cabinet	(2100×905×905) ×2	(1800×800×800) ×2	
	Combination Cabinet + equipment Cabinet	(2100×905×905) ×2	(1800×800×800) ×2	
	Battery Cabinet + Equipment Cabinet	(1700×905×905) ×2	(1400×800×800) ×2	
	Combination Cabinet + equipment Cabinet	(1700×905×905) ×2	(1400×800×800) ×2	
3 Cabinets	Battery Cabinet + Equipment Cabinet + Equipment Cabinet.	(2100×905×905) ×3	(1800×800×800) ×3	
	Battery Cabinet + Equipment Cabinet + Equipment Cabinet	(1700×905×905) ×3	(1400×800×800) ×3	

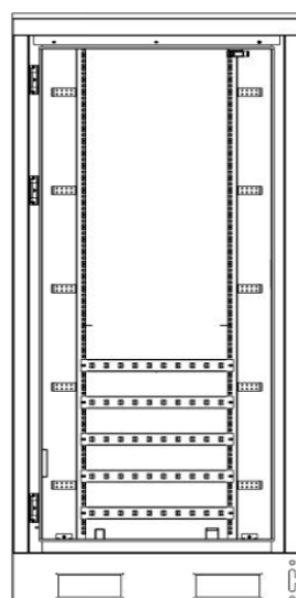
Application of 1 Cabin Outdoor Cabinet:



Combination Cabinet

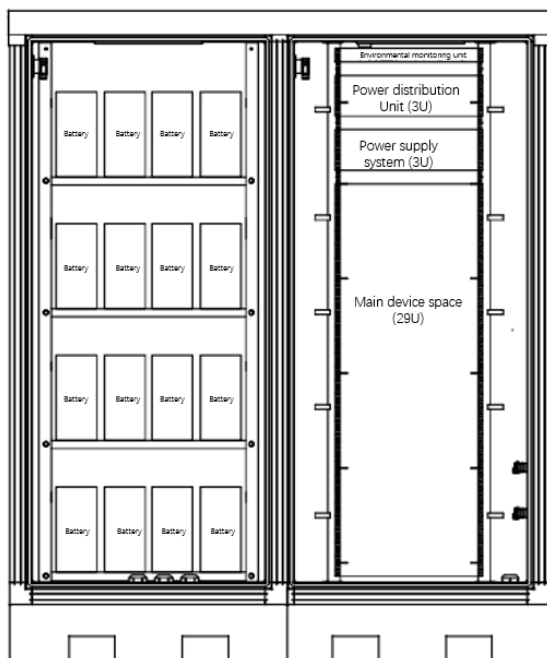


Battery Cabinet

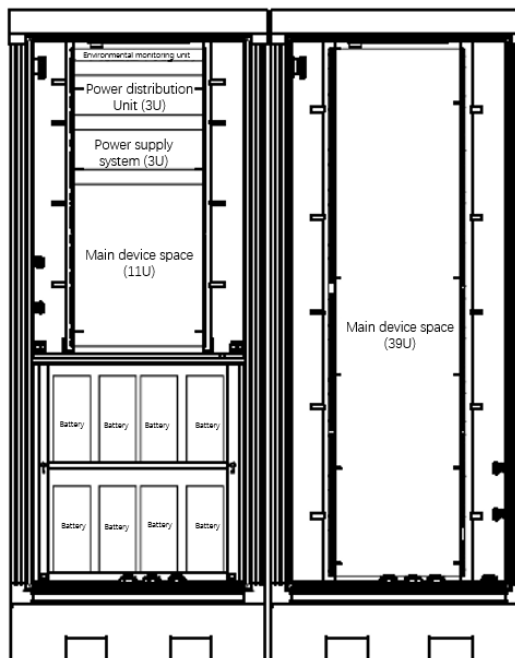


Equipment Cabinet

Application of 2 Cabins Outdoor Cabinet:

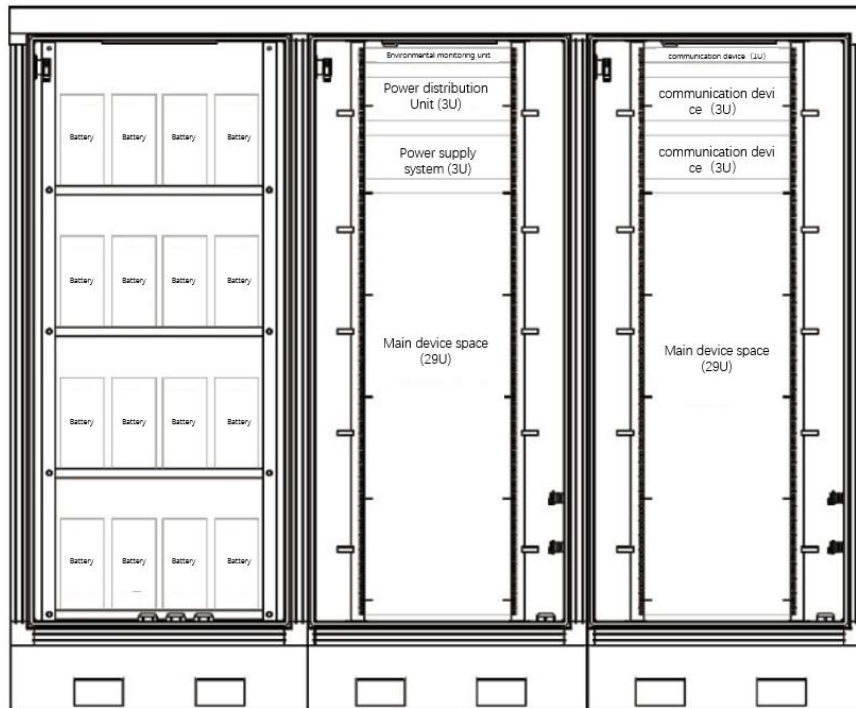


Battery Cabinet + Equipment Cabinet



Combination Cabinet + Equipment Cabinet

Application of 3 Cabins Outdoor Cabinets :



Battery Cabinet + Equipment Cabinet + Equipment Cabinet

Air Conditioner

Outdoor cabinet air conditioner is a refrigeration product developed for cabinet and other application environment. This method is applicable to the scenarios where the heat generated by the devices inside the cabinet is high, the devices inside the cabinet are sensitive to the ambient temperature, and the devices inside and outside the cabinet need to be completely isolated. This product has complete functions, external fan control function, high reliability, simple and convenient installation, power can work, no complex debugging.



Air Conditioner Parameters

PN		Parameter	1.5KW
Dimension、 Weight & Installation Method			
Dimension (HxWxD)		mm	746×446×200
Dimension (HxWxD) with the flange		mm	783×479×200
Weight		kg	27.5
Installation Method			Door Mounted
Application Environment			Outdoor
Environment & Performance			
Operation Temperature		°C	-40 to +55
Noise Level		dB(A)	65
Protection Grade			IP 55
Refrigerant			R134a
RoHS Certification			Yes
Cooling/Heating Capability			
Refrigerating Capacity @L35/L35		W	1500
Heating (optional)		W	1000
Power			
Input Power@L35/L35		W	600
Input Current@L35/L35		A	2.90
Air Volume			
Internal Circulating Air Volume		M³/h	400
Power Supply System			
Power Range		VDC	220±15%,50/60Hz
Rated Operating Voltage - Controller		VDC	220, 50/60Hz
Rated Operating Voltage - Refrigeration/Heating System		VDC	220, 50/60Hz
Max. Current		A	5.5
Key Components			
Controller			/
Fan			Telecom Level
Compressor			Telecom Level
Heater			Telecom Level

Door lock



Item	Parameter
Operating Temperature	-40~55℃
Operating Humidity	5~95 %RH
Dimension	210mm*44mm*27mm
Rated Voltage	DC12V
Rated Current	Unlock current<450mA
IP Rate	IP65
Unlocking Mode	IC card and Bluetooth
Monitoring Function	Open door condition monitoring

DC51.2V 100/200Ah Lithium battery



DC51.2V 100/200Ah Lithium battery			
Peculiarity	Argument		Remark
Rated Capacity	100Ah	200Ah	
Rated Voltage	48V		
Rated Energy	5120Wh	10300Wh	
Maximum Charging Voltage	56.8V		
Minimum Discharge Voltage	44V		
Standard Charging Current	0.33C		
Standard Discharge Current	0.5C		
Maximum Continuous Charging Current	0.5C		
Maximum Continuous Discharge Current	1C		
Cycle Life	>1600 Time		80%DOD@0.2C
Weight (Approx)	46Kg	96kg	
Dimension (W*D*H)mm	483*395*134.5	483*560*220	
Operating Temperature	Charging, 0℃~45℃		
	Electric discharge, -10℃~55℃		
Storage Temperature	-20~45℃		≤ 1 month
	-20~35℃		≤ 3 months
	-20~25℃		≤ 12 months
	0~25℃		>12 months

Item	Argument
Ac input	Mains input 63A/3P x 1, Diesel generator input63A/3P x 1
AC Output (optional)	16A/1P×2
DC Output	Primary power-off: 125A/1P x 2(MCB)+63A x 2(CB)+32A x 2(MCB) Secondary power-off: 63A x 2(MCB)+32A x 1(MCB)
Battery access	125A/1P×2(MCB)
AC Lightning Protection	Level C 3+1 I _{max} =40KA
DC Lightning Protection	Level C 1P I _{max} =40KA
Communication Interface	Internal (module communication) : CAN; External: RS485, TCP/IP (optional)
Size	482*350*5U
Capacity	200A
Weight	20kg
IP level	IP20
Single Module Capacity	50A
Number of fully configured modules	4 PCS

Monitoring Master



Configuration: I3 2310/4G/128G/COM*6 (RS458*1)/built-in power supply output 12v terminal *3/ switching input *16,
1U 19-inch standard rack installation

Function introduction:

- The integrated host XT-6000 is a new generation developed for modern intelligent systems, data centers and other important places
- Multi-purpose monitoring host. It can realize UPS monitoring, power distribution monitoring, air conditioning monitoring, video monitoring, access control monitoring,
- **Temperature and humidity monitoring, Smoke monitoring, anti-theft monitoring, etc.** Optional local sound and light alarm, SMS alarm, mail,
- Telephone voice alarm and other notification methods. Supports data collection and processing, linkage control, report browsing and other functions, embedded in the WEB
- Server support. You can use Internet Explorer to view information about the monitoring site environment, device parameters, alarms, and reports.
- Replace manual inspection, realize unattended, improve maintenance efficiency, reduce management costs.
- Product characteristics
- Easy installation: standard 1U rack design installation
- External power supply: External power supply port is provided to support direct power supply to the device, simplifying cable connections
- Stable operation: industrial original selection, chassis steel structure design
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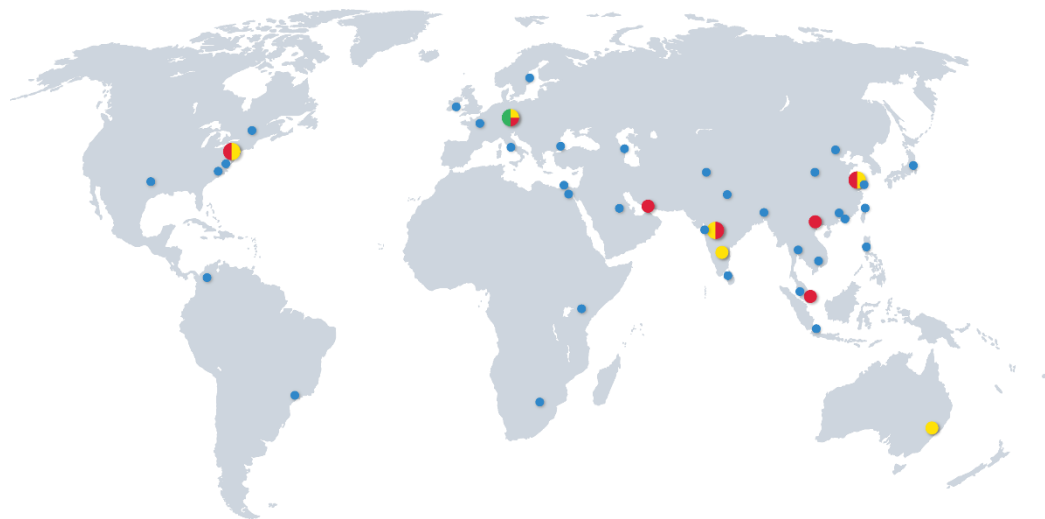
Ordering Information

OC- X X X - X X X X X X

1 2 3 4 5 6 7 8 9

Category	1.First cabinet	2.Second cabinet	3.Third cabinet
OC: Outdoor cabinet	1: Combination	0: NA	0: NA
	2: Equipment	1: Combination	1: Combination
	3: Battery	2: Equipment	2: Equipment
		3: Battery	3: Battery
4.Size	5.Temperature Control System	6.Dynamic environmental system	7.Switching power supply
1:2100*905*905 mm	1: 1.5KW Air Conditioner	0: NA	0: NA
2:1700*905*905mm	2: Heat Exchanger	1: Contains 1U acquisition host without monitor	1: 200A switching power supply sub rack
3:1300*950*950mm	3: Air conditioning heating machine	2: Includes monitoring appliance (monitor)	2: 300A switching power supply sub rack
4:600*746*615 mm	4: 1KW Air Conditioner		3: DC48V power system
5:700*700*1350 mm	5: 3.5KW Air Conditioner		4: 3KVA-UPS
6:800*1000*2100 mm	6: 12.5KW Air Conditioner		5: 1KVA-UPS
7:1530*905*905 mm	8: EC fan*2		6: 6KVA-UPS
8:700*700*2150 mm 19'	9:3kW DC48V Air Conditioner		7: 15KVA-UPS
9:800*600*2000 mm 19'+21'	A:1KW DC48V Air Conditioner		8: 600A switching power supply sub rack
A:700*700*2150 mm 21'	B:9.3 AC220V Air conditioner		9: 400A switching power supply sub rack
B:700*700*2150 mm 19'+21'			
C:650*650*2000mm			
D:700*700*2000mm			
E:600*600*2000mm			
F:1100*900*900 mm			
G:2000x2100x1200mm			
H:2000x2100x2322mm			
8.Rectifier module	9.Battery		
0: NA	0: NA		
1:50A rectifier module -3PCS	1: DC12V 150AH batteries 8PCS		
2:50A rectifier module -4PCS	2: DC51.2V 100AH lithium batteries 2PCS		
3:50A rectifier module -6PCS	3: DC12V 200AH batteries 4PCS		
4:50A rectifier module -5PCS	4: DC12V 9AH batteries 12PCS		
5:50A rectifier module -2PCS	5: DC51.2V 100AH lithium batteries 1PCS		
6:3KW rectifier module -3PCS+2kVA Inverter module -2PCS	6: DC51.2V 100AH lithium batteries 3PCS		
7:4kW rectifier module -3PCS	7: DC12V 24AH batteries 6PCS		

GLOBAL FOOTPRINT



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