

WELL-GROUNDED AMBITIOUS  
AND MAKE ALL EFFORTS TO CREATE  
NATIONAL BRAND OF PRECISION  
AIR CONDITIONER



SUZHOU LANGJI TECHNOLOGY CO., LTD.



## Company Introduction

Suzhou Langji Technology Co., Ltd. was founded in 2009, it is a high-tech enterprise with R&D, manufacturing and sales department. It is located at the coast of Taihu Lake Suzhou city, the registered capital is 50 million RMB. The whole factory covers 5000 square meters and employs about 200 people with an annual sale of nearly 100 million RMB.

Langji company provides full range of temperature control products and solutions for

- Telecommunication
- Data Center
- Base station
- Solar based installations
- Wireless cell sides & switches
- Industry Automation
- Energy Storage

Suzhou Langji Technology Co., Ltd. is always taking the concept of "well-grounded, ambitious and make all efforts to create national brand of precision air conditioner", holding 3 point management strategy that includes technique, force, and service, tracking the market trend and focusing on the development of products. Based on strong technical force, and advanced design ideas, Langji has promoted many models of precision air condition, heat exchanger, and energy-saving products for base station or equipment room, outdoor communication equipment cabinet and thermostatical battery cabinet etc. to meet the diversified needs of the domestic and overseas customers.

Suzhou Langji Technology Co., Ltd. manages the company and production scientifically according to ISO9001 and ISO14001 international management system. The products are certified by CE and CCC, with stable and reliable quality, Langji products are sold in many countries and regions including China, India, Russia, the Middle East, South-east Asia, South America, Africa, Europe and the USA.



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## ► What We Own

### Quality management level

Langji has been assessed and registered as meeting the requirements of ISO9001 and ISO 14001 international syetem.

### High-class ability of R&D

Langji not only has a professional team of R&D which has professional staff of HVAC, refrigeration, wireless telecommunications, computer and automation etc. but also top-ranking testing laboratory and R&D test equipment.

### 7x24 Service

Langji has established a unified information management platform to provide customers with 7x24 service.

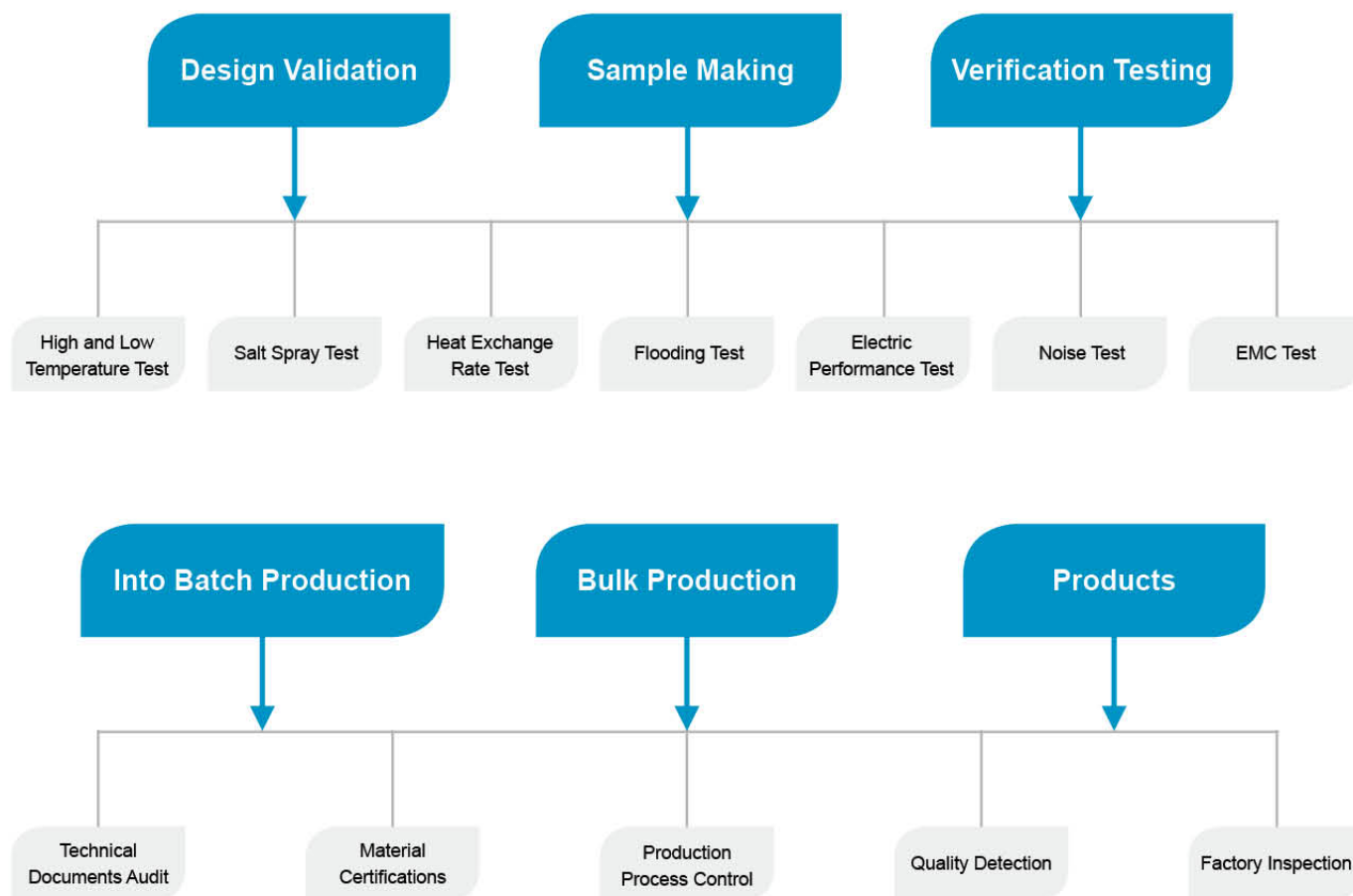
### Meticulous logic control of energy-saving

The logic control between equipment can be carried out through the mode of protocol analyze and wired control etc. The machine can regulate by itself according to the environmental conditions to carry out linkage control between energy-saving equipment and air conditioner and achieve logic control of energy-saving between different air conditioners.

### Professional energy consumption auditing and energy-saving planning and service

Langji has accumulated many years' project experience in energy auditing and energy-saving reformation, which can supply a energy-saving planning and design programs after comprehensively analyzing and evaluating customer's energy-saving system.

## ► Product Plan



## Workshop



Laser cutting machine



Sheet metal cutting



CNC punching machine



Welding



Sheet metal production



Bending machine



Cabinet air conditioner production line



Outdoor telecom cabinet production line

# 01

## Cabinet Air Conditioner



### ► Introduction

Cabinet air conditioner is actively cooling with compressor, and it will remove the heat inside the cabinet to the outside. It also can keep the dust and heat outside the cabinet, avoiding problems from using fan. The inside cabinet can be maintained at an ideal temperature for electrical components which effectively guarantees the stability of the electronic equipment and improves the reliability of the whole system.

### ► Characteristics

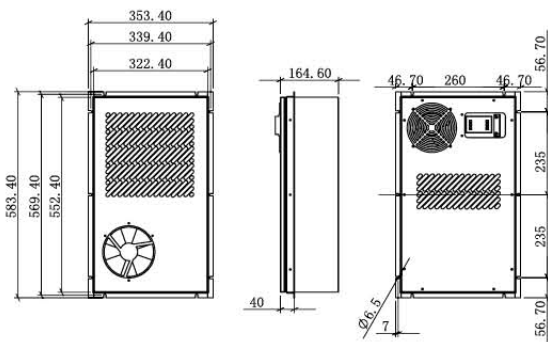
- 1.Compact structure, reasonable design and easy maintenance;
- 2.Cooling capacity ranges from 300W to 5000W.
- 3.Widely used for outdoor telecom cabinets, battery cabinets, electric cabinets and industry control cabinets etc.
- 4.The protective level is IP55, can run at high ambient environment 55°C .
- 5.Voltage range: AC220v, 50Hz/60Hz; AC110v, 60Hz; DC-48V.
- 6.Mounting: door, side and top mounted available.
- 7.Digital temperature controller and high precision of temperature control.
- 8.CE certified, which can meet EU RoHS requirements.

### ► Technical Data Sheet

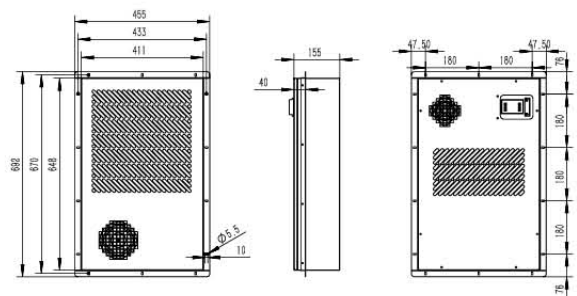
Model	Cooling capacity (W)	Rated Voltage (V/ph/Hz)	Rated current (A)	Input power (W)	HxWxD (mm)	Weight (Kgs)
SAD103-2	300	220/1/50	1.25	220	583x353x165	16
SAD104-2	400	220/1/50	1.30	240	583x353x165	16
SAD106-2	600	220/1/50	1.63	360	692x455x155	21
SAD108-2	800	220/1/50	1.86	410	692x455x155	21
SAD110-2	1000	220/1/50	1.93	426	791x491x188	32
SAD112-2	1200	220/1/50	2.20	485	791x491x188	32
SAD115-2	1500	220/1/50	2.75	605	791x491x188	32
SAD120-2	2000	220/1/50	3.38	745	1087x460x188	42
SAD125-2	2500	220/1/50	4.09	900	1087x460x188	42
SAD130-2	3000	220/1/50	5.63	1240	1208x549x220	60
SAD135-2	3500	220/1/50	6.18	1360	1208x549x220	60
SAD150-2	5000	380/3/50	3.00	1980	1640x672x297	100



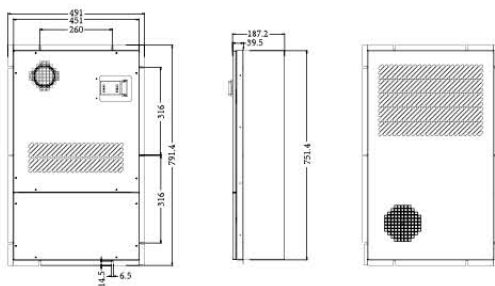
## ► Dimension



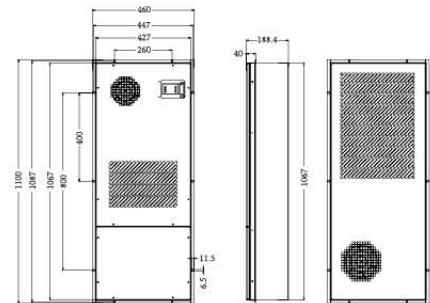
SAD103-2 / SAD104-2 / SAD105-2



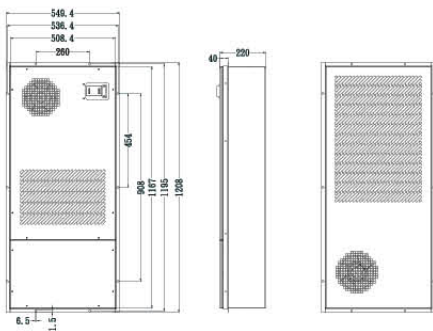
SAD106-2 / SAD108-2



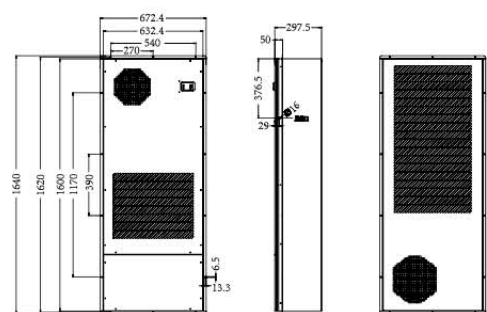
SAD110-2 / SAD112-2 / SAD115-2



SAD120-2 / SAD125-2



SAD130-2 / SAD135-2



SAD150-2

## 02

# Plate Heat Exchanger



## ► Introduction

Plate heat exchanger is a device that introduces outdoor natural cold source to exchange heat with limited power consumption. When there is a large temperature difference, the device will effectively exchange heat between hot air inside and cool air outside the cabinet through the aisle of multilayer aluminum heat sink fins, which makes the cabinet be an enclosed system with constant temperature so that equipment inside the cabinet can work normally.

## ► Characteristics

1. Enclosed air circuit cooling system design, which makes the inside air and outside air isolated and effectively avoids contamination from outside.
2. Avoid dew formation from too cold.
3. Compact structure and convenient installation & maintenance.
4. It can be remote monitored.
5. Voltage range: AC220v, 50Hz/60Hz; AC110v, 60Hz; DC-48V.
6. The main components are international brands which greatly improves the reliability of the system.



## ► Technical Data Sheet

Model	Heat Transfer (W/K)	Rated Voltage (V/ph/Hz)	Rated Power (W)	Air Circuit (m³/h)	HxWxD (mm)	Weight (Kgs)
HEX-50	50	220/1/50	120	400	750x411x118	20
HEX-60	60	220/1/50	190	500	750x411x118	20
HEX-80	80	220/1/50	260	800	1177x410x154	25
HEX-100	100	220/1/50	260	900	1177x410x154	25
HEX-120	120	220/1/50	330	1100	1237x410x154	28
HEX-150	150	220/1/50	330	1300	1358x555x195	34
HEX-200	200	220/1/50	360	2000	1520x600x198	38

# 03

## Thermoelectric Cooler



### ► Introduction

Thermoelectric cooler is a kind of cooling equipment consists of Peltiel material. The inner sealed circuit is composed of the two different metal leads, X and Y. When it is on power, heat on cool end is transferred to hot end, which leads to the temperature drop at cool end and temperature rise at hot end. The switch between hot end and cool end can be achieved by changing electrode.



### ► Characteristics

- 1.It adopts Peltiel material to realize electronic cooling. Mini-shape and light.
- 2.Without compressor and Freon. Environment-friendly, no vibration, no leak.
- 3.Using Environment-friendly materials, which meets RoHs requirements.
- 4.No limitation about installation, it can be applied to many occasions.
- 5.Normal working ambient temperature is from -20°C to + 50°C .
- 6.Using high density and thermal insulation foam to fill the cool end and hot end of the cooling equipment.
- 7.The temperature of Overheat protector of radiator at hot end is setted at +75°C ±5°C .
- 8.Applicable to the sealed, vibrating, and rotated occasions where compressor cannot work.



### ► Technical Data Sheet

Model	Cooling capacity (W/K)	Rated Voltage (V)	Rated Power (W)	Noise (dB)	HxWxD (mm)	Weight (Kgs)
TEC-100W	100	DC-48V	136	<60	250x133x159	5
TEC-150W	150	DC-48V	196	<62	300x160x159	6
TEC-200W	200	DC-48V	276	<64	400x186x212	8
TEC-300W	300	DC-48V	403	<66	400x186x212	8

# 04

## Free Cooling Unit



### ► Introduction

The main parts of the intelligent free cooling system is composed of main control box, fresh air system and network management center which includes air supply and air exhaust fans, indoor & outdoor temperature sensor, automatic valve, air filter, AC transformer, outdoor rain cover and intelligent controller. This system brings the outdoor fresh air to cool the communication base station and equipment room based on the temperature difference between indoor and outdoor temperature. It can also exhaust the hot air of the base station and the equipment room to replace the air cooling unit under most conditions in the entire year and avoid the electrical energy waste when the air conditioner is running for a long time which effectively decreases the running time of the air conditioner in communication equipment room to reach the goal of electrical energy-saving.



### ► Characteristics

- 1.It adopts microprogramming controller which has Chinese character operation interface and the system is able to be chosen manually or automatic operational mode.
- 2.It constantly monitors the temperature and humidity of the indoor & outdoor environment. It can realize linkage with air conditioner of equipment room by intelligent controller.
- 3.The system supports late start-up function and LCD Chinese character display. The operation is simple and convenient. Parameter is able to be set up.
- 4.It adopts RS485 interface which supports telemetry, remote signaling and remote control.
- 5.Low noise, good dustproof and high energy-saving effect.
- 6.There is air supply and air exhaust device which has functions of insect prevention, water prevention and burglary prevention. No reverse current.
- 7.It has the function of fault warning, low temperature and high temperature warning.

### ► Technical Data Sheet

Model	FC-5000	FC-8000	FC-10000	FC-12000
Rated Voltage(V)	220V/50HZ			
Rated Power(W)	1500	3000	4000	4500
Air Circuit(m <sup>3</sup> /h)	5000	8000	10000	12000
Current (A)	6.8	13.6	18.2	20.5
Color	RAL7035			
Weight (kg)	90	110	120	150
Dimension of air intake system L×W×H (mm)	650×650×1400	750×750×1550	750×750×1550	750×750×1650
Dimension of air outtake system L×W×H (mm)	500×470×350	700×640×410	770×710×435	820×810×480

# 05

## Air Conditioner With Heat Pipe



### ► Introduction

Air Conditioner with heat pipe combines with heat pipe and active cooling technology together perfectly to achieve the highest efficiency operation. When the heat pipe system is working, it introduces outdoor cool air into heat exchanger of heat pipe through the induced draught fan for energy exchange, then introduces hot air from equipment room into the heat pipe heat exchanger for heat exchange through the forced draught fan and then sends it back to the communication room to cool communication equipment, thus reducing the compressor's running time, extending its life expectancy, saving cost for operation and maintenance to achieve the purpose of saving energy and reducing consumption. The Energy Efficiency Ratio of air conditioner is around 3.0, while its heat exchanger is around 8.

When the weather is hot, it runs air conditioner. When it is cool, for example, if there is a 6 temperature difference, it runs heat pipe. The intelligent controller can switch the function between air conditioner and heat pipe. This series of products can be widely developed for base station, computer room, IDC data center, shelter cooling area.

Air conditioner with heat pipe uses a single system to realize the function of cooling and heat exchange by heat pipe. With the help of internal and external temperature sensor in this air conditioner, the intelligent controller can automatically switch the function between air conditioner and heat pipe. The function of heat pipe is usually operated firstly to achieve a largest energy saving effect. This series of products can be widely developed for base station, equipment room, IDC data center and shelter cooling area.



### ► Characteristics

1. Langji company's patented product.
2. Air condition and heat pipe share a same system, which greatly improve the efficiency of air conditioning and heat pipe.
3. Air condition and heat pipe system can switch automatically, at the same time the machine can be remote monitored.
4. Energy saving effect is obvious.
5. Digital temperature controller and high precision of temperature control.
6. Main components have CE certificates, which can meet EU ROHS requirements.
7. Module machine design combines each freely according to the room space make it convenient for transportation and installation.

## ► Split Air Conditioner With Heat Pipe For Equipment Room

Model		RGAC-6500-2	RGAC-8500-3	RGAC-12500-3	RGAC-20	RGAC-30	RGAC-60
Rated Voltage(V)		220VAC±10% 50Hz	380VAC±10% 50Hz				
Rated Power(KW)		2.3	2.8	4.1		9.6	19.2
Cooling Capacity(KW)		6.9	9.1	13.2	20	30	60
Heat Exchange Capacity(KW)( $\Delta T=10^{\circ}\text{C}$ )		3.2	4.0	6.5		10	20
Refrigerant		R134A/R22					
Work Temperature Range( $^{\circ}\text{C}$ )		-20 ~ +45					
Weight(Kg)		220	260	310			520
Color		RAL7035					
IP Grade		IP23					
Ambient Air Circuit( $\text{m}^3/\text{h}$ )		4500	4800	6300		9800	19600
Cabinet Air Circuit( $\text{m}^3/\text{h}$ )		3400	4500	5200		7200	14400
Dimension L*W*H (mm)	Indoor Unit	850×650×2000	850×650×2000	850×650×2000		850×850×2000	1700×850×2000
	Outdoor Unit	1025×1085×600	1025×1085×600	1065×1235×600		1510×410×932	(1510×410×932)×2

## ► Precision air conditioner with double compressor

Model		SAC-11000-3	SAC-13000-3	SAC-15000-3
Rated Voltage(V)		380VAC±10% 50Hz		
Rated Power(KW)		3.6	4.3	5.2
Cooling Capacity(KW)		11.4	13.7	16.2
Heat Exchange Capacity(KW) ( $\Delta T=10^{\circ}\text{C}$ )		5.6(option)	6.7(option)	7.5(option)
Refrigerant		R134A/R22		
Work Temperature Range( $^{\circ}\text{C}$ )		-20 ~ +45		
Weight(Kg)		260	280	300
Color		RAL7035		
IP Grade		IP23		
Ambient Air Circuit( $\text{m}^3/\text{h}$ )		6300	6500	7200
Cabinet Air Circuit( $\text{m}^3/\text{h}$ )		5200	5300	5500
Dimension L*W*H (mm)	Indoor Unit	850×650×2000	850×650×2000	850×650×2000
	Outdoor Unit	1065×1235×600	1065×1235×600	1170×1340×600

# 06

## Ethylene glycol cooled air conditioner



### ► Introduction

Ethylene glycol cooled air conditioner is an energy efficient air conditioning system developed by Langji, which can fully use outdoor natural cooling sources to reduce compressor energy consumption. It is highly integrated and modular design. The system does not introduce fresh air, it maintains the airtightness and cleanliness of the equipment room and can be applied to any data communication room.

### ► Applications

- 1.Communication base station
- 2.Small, medium and large data room
- 3.Computer room and data center (IDC)
- 4.Industrial control room and laboratory
- 5.UPS and battery room



### ► Technical Data Sheet

Model	EGAC-30	EGAC-50	EGAC-80
Rated Voltage(V)	380VAC±10% 50Hz	380VAC±10% 50Hz	380VAC±10% 50Hz
Heat Exchange capacity (KW)	10.1/2.7	18.2/4.2	27/6.1
Cooling capacity (KW)	31.2/20.5( Δ T=15℃ )	50.6/31.3( Δ T=15℃ )	80/46.4( Δ T=15℃ )
Medium	Ethylene glycol aqueous solution		
Working temperature(℃ )	-40 ~ +45		
Weight (Kg)	350	450	680
Color	RAL7035	RAL7035	RAL7035
IP Grade	Indoor Unit IP23, Outdoor Unit IP55		
Ambient Air Circuit (m <sup>3</sup> /h)	11000	15000	23000
Cabinet Air Circuit (m <sup>3</sup> /h)	7800	12000	16400
Dimension L*W*H (mm)	856×892×2000	1700×892×2000	1700×892×2000

# 07

## In-Row air conditioner



### ► Introduction

In-Row air conditioner is specially designed for IDC data center with advantage of energy-saving, it integrates air conditioning refrigeration and heat pipe heat exchange function as a whole, the perfect fusion of heat pipe heat exchange and active compression refrigeration technology, in order to achieve high-efficiency energy-saving at the same time to solve the heat dissipation problems of high-heat density cabinets or rooms.

Its main mode of operation is heat pipe heat exchange mode (natural cycle), according to indoor and outdoor temperature and indoor load situation, the unit selective operate heat pipe mode and refrigeration mode, in order to ensure indoor cooling requirements under the premise of energy-saving operation.

### ► Applications

- 1.Telecommunications rooms
- 2.Mobile base stations
- 3.Computer rooms
- 4.Control centers
- 5.Precision laboratories



### ► Technical Data Sheet

Model	CR-25	CR-30
Rated Voltage	380V/50HZ	
Cooling capacity(KW)	25	30
Power(KW)	7.9	10.5
Ambient Air Circuit(m³/h)	4200	7000
Cabinet Air Circuit(m³/h)	9000	11000
Working Temperature(°C )	-20~+45	
IP Grade	Indoor IP23, Outdoor IP55	
Dimension Indoor Unit	300(L)*1200(W)*2200(H)	600(L)*1000(W)*2200(H)
Dimension Outdoor Unit	1050(L)*600(W)*1100(H)	1250(L)*600(W)*1300(H)

# 08

## Outdoor Battery Cabinet



### ► Introduction

The battery cabinet is designed to house a variety of batteries, they provide protection from vandalism, dust, rain, snow and dripping water. The material can be made from galvanized steel, aluminum or stainless steel according to different demand. Air conditioner(options: Heat exchanger/TEC/Fan) is installed on cabinet for keeping a stable temperature inside cabinet so as to increase service life and stability of battery. It provide a secure thermally managed environment for backup battery systems for telecommunications and cable applications.

### ► Applications

- |                              |                                   |
|------------------------------|-----------------------------------|
| 1. Telecommunication         | 5. Wireless cell sites & switches |
| 2. Wireless/Broadband        | 6. Transmission terminals         |
| 3. Base station              | 7. Data and Control               |
| 4. Solar based installations | 8. Transportation                 |

### ► Features

1. Sandwich panel construction
2. Attractive powder coat finish
3. Anti-theft four-point outdoor cabinet lock, excellent keyhole protection device
4. IP55 cabinet, walls and roof in double steel with high quality insulation
5. Battery load: 500kgs per shelf
6. Anti-theft four-point outdoor cabinet lock, excellent keyhole protection device
7. High performance Air-conditioning unit for heat removal
8. Door stopper to hold door open at service
9. Pass earthquake intensity 8 anti-seismic performance test
10. Support custom-made



# 09

## Outdoor Equipment Cabinet



### ► Introduction

The equipment cabinet is designed to house a variety of telecommunication equipment with 19" or 23" rack, they provide protection from vandalism, dust, rain, snow and dripping water. The material can be made from galvanized steel, aluminum or stainless steel according to different demand. Air conditioner(options: Heat exchanger/TEC/Fan) is installed on cabinet for keeping a stable temperature inside cabinet so as to increase service life and stability of equipment.

### ► Applications

- |                             |                                  |
|-----------------------------|----------------------------------|
| 1.Telecommunication         | 5.Wireless cell sites & switches |
| 2.Wireless/Broadband        | 6.Transmission terminals         |
| 3.Base station              | 7.Data and Control               |
| 4.Solar based installations | 8.Transportation                 |

### ► Features

- 1.Sandwich panel construction
- 2.Attractive powder coat finish
- 3.19" or 23" adjustable rack
- 4.Anti-theft four-point outdoor cabinet lock, excellent keyhole protection device
- 5.IP55 cabinet, walls and roof in double steel with high quality insulation
- 6.Anti-theft four-point outdoor cabinet lock, excellent keyhole protection device
- 7.High performance Air-conditioning unit for heat removal
- 8.Door stopper to hold door open at service
- 9.Pass earthquake intensity 8 anti-seismic performance test
- 10.Support custom-made



# 10

## Outdoor Integrated Cabinet



### ► Introduction

The integrated cabinet is designed to house a variety of batteries and equipment, they provide protection from vandalism, dust, rain, snow and dripping water. The material can be made from galvanized steel, aluminum or stainless steel according to different demand. Air conditioner(options: Heat exchanger/TEC/Fan) is installed on cabinet for keeping a stable temperature inside cabinet so as to increase service life and stability of battery and equipment. It provide a secure thermally managed environment for backup battery systems for telecommunications and cable applications.

### ► Applications

- |                             |                                  |
|-----------------------------|----------------------------------|
| 1.Telecommunication         | 5.Wireless cell sites & switches |
| 2.Wireless/Broadband        | 6.Transmission terminals         |
| 3.Base station              | 7.Data and Control               |
| 4.Solar based installations | 8.Transportation                 |

### ► Features

- 1.Sandwich panel construction
- 2.Attractive powder coat finish
- 3.Anti-theft four-point outdoor cabinet lock, excellent keyhole protection device
- 4.IP55 cabinet, walls and roof in double steel with high quality insulation
- 5.19"or 23" adjustable rack, battery load: 500kgs per shelve
- 6.Anti-theft four-point outdoor cabinet lock, excellent keyhole protection device
- 7.High performance Air-conditioning unit for heat removal
- 8.Door stopper to hold door open at service
- 9.Pass earthquake intensity 8 anti-seismic performance test
- 10.Support custom-made



# 11

## Outdoor Telecom Cabinet (Multi-compartment)



### ► Introduction

The multi-compartment cabinet is designed to house a variety of batteries and equipment, they provide protection from vandalism, dust, rain, snow and dripping water. The material can be made from galvanized steel, aluminum or stainless steel according to different demand. Air conditioner(options: Heat exchanger/TEC/Fan) is installed on cabinet for keeping a stable temperature inside cabinet so as to increase service life and stability of battery and equipment. It provides a secure thermally managed environment for backup battery systems for telecommunications and cable applications.

### ► Applications

- |                              |                                   |
|------------------------------|-----------------------------------|
| 1. Telecommunication         | 5. Wireless cell sites & switches |
| 2. Wireless/Broadband        | 6. Transmission terminals         |
| 3. Base station              | 7. Data and Control               |
| 4. Solar based installations | 8. Transportation                 |

### ► Features

1. Sandwich panel construction
2. Attractive powder coat finish
3. Anti-theft four-point outdoor cabinet lock, excellent keyhole protection device
4. IP55 cabinet, walls and roof in double steel with high quality insulation
5. 19" or 23" adjustable rack, battery load: 500kgs per shelf
6. Anti-theft four-point outdoor cabinet lock, excellent keyhole protection device
7. High performance Air-conditioning unit for heat removal
8. Door stopper to hold door open at service
9. Pass earthquake intensity 8 anti-seismic performance test
10. Support custom-made



## ► Technical Data Sheet of Outdoor Cabinet

Item	Type	Technical Parameter
Structure	Internal Dimension (H*W*D)	Standard 1400*650*650mm and 1800*800*800mm or any customized size
	External Dimension (H*W*D)	Standard 1700*750*750mm and 2100*900*900mm or any customized size
	Weight	100~225kgs according to different size
	Layout	1 compartment for battery and equipment cabinet, 1~2 for integrated cabinet
	Door	With one front door, with special lock for outdoor cabinet(support padlock)
	Hinge	Embedded
	Material	Galvanized steel; double wall, thickness of outer plate: 0.5~1.5mm, thickness of inner plate: 0.5~0.8mm. Or customer requirement.
	Heat Insulation	Heat insulation between inner wall and outer wall. The insulation material is 20~45mm EPS or PVC/NBR.
	Structure	Welded/Frame/Assembly
	Thermal conductivity	<0.472w/(m <sup>2</sup> .k)
	Cable enter method	Bottom $\phi 50 \times 5$ or customer requirement.
	Color	RAL7035/Pantone428C, powder coating finish
	Battery Space	2-4 shelves or customer requirement
	Battery Load	500kgs per shelf
	Equipment Installation Method	19" rack
Temperature Control	Ingress Protection	IP55
	Noise Level	60-65dB
Temperature Control	Cooling	1500W, AC220V air conditioner + DC48V fans
	Options	AC/DC powered air-conditioner /Heat Exchanger/TEC
Lighting	LED lamp	48V LED lamps, it will turn on when the door is opened; it will turn off when the door is closed.
Temperature	Temperature	Working Temperature: -40°C ~ +55°C
		Storage Temperature: -50°C ~ +70°C
		Transport Temperature: -50°C ~ +70°C
Humidity	Relative Humidity	5% ~ 100%
Pressure	Air Pressure	62kpa ~ 101kpa (similar to 0m ~ 5000m altitude)
Radiation Intensity	Solar Radiation Intensity	1120 × (1±5%)W/m <sup>2</sup>

No.	Item	Specifications
1	Fan	DC48V, START WORK AT 35°C
2	Power Distribution (PDU)	GRADE B LIGHTNING PROOF AC INPUT: 63A/2P *1; AC OUTPUT: 16A/1P*4; DC OUTPUT: 16A/1P*4 or customer requirement
3	Environment Monitoring Unit	48VDC Communication port: RS485, TCP/IP, SNMP optional
4	Door Sensor	Monitor door open status inside cabinet and provide real time alarm.
5	Water Sensor	Monitor water status inside cabinet and provide real time alarm.
6	Tilt & Shock Sensor	Monitor shock status inside cabinet and provide real time alarm.
7	Temperature & Humidity Sensor	Monitor temperature and humidity inside cabinet and provide real time alarm.
8	Smoke Sensor	Monitor smoke status inside cabinet and provide real time alarm.
9	Ground Bar	Resistance value: 0.021Ω
10	Built-in power supply	150A/200A/300A
11	Packaging	Wooden case/Export pallet

## Cooling System(Options)

No.	Item	Specifications
1	Air Conditioner	AC220V/DC48V, Cooling capacity 300w, 400w, 600w, 800w, 1000w, 1200w, 1500w, 2000w, 2500w, 3000w, 3500w, 4000w; AC380V,5000w
2	Heat Exchanger	AC220V/DC48V, Heat transfer 80w/k, 100w/k, 120w/k, 150w/k, 200w/k
3	Thermoelectric Cooler (TEC)	DC48V, Cooling capacity 200w, 300w
4	Fan	DC48V

## Certifications

ISO9001	
ISO14001	

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## Indoor Server Rack Cabinet



### ► Specifications

1. Material: SPCC cold rolled steel, Mounting rail: 2.0 mm | The others: 1.20 to 1.50 mm
2. Surface Finish: Degrease, acid pickling, rust prevention and parkerizing, pure water cleaning, static electricity plastic painting
3. Body Color: Black-RAL9004 ; Beige-RAL1001; Grey-RAL7035; Or customized color
4. 19"/21"/23" installation server rack, Rack's Size:  
Width : 600 | 750 | 800 mm  
Depth : 600 | 800 | 900 | 1070 | 1200 mm  
Height : Up to 47U
5. Front/Back: Double sliding glass door or metal door, with Handle lock;
- Cooling options: top mounted fans/bottom mounted air conditioner 1500w/3500w

### ► Features

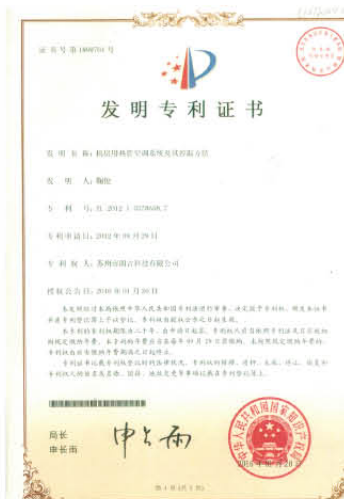
1. Exquisite design with precise craftsmanship.
2. Removable side panels, easy to install and maintain.
3. Adjustable feet and castors are available.
4. Adjustable cable entry on the top, bottom with cable entrance.
5. Supplied as welded structure, also supplied as a flat packing.
6. Various optional Accessories for common using.

### ► Application

1. Video Surveillance Systems
2. Network Integration System
3. Remote Monitoring System
4. Closed-Circuit Monitoring System
5. Electronic Monitoring System
6. Wireless Monitoring System



## Honor And Qualification



## ► Application







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