

Model Number

No.	Product name and model	Internal dimensions (mm) (height * width * depth)	External dimensions (mm) (height * width * depth)	Temperature control method	Capacity
1	Combination cabinet STC15A	1800*800*800	2100*900*900	Air conditioning Heat exchange	Standard 19-inch installation space / 22U, Battery rack / Can install 2 sets of 12V/150AH/200AH batteries
		1400*800*800	1700*900*900	Air conditioning Heat exchange	Standard 19-inch installation space / 22U, Battery rack / Can install 2 sets of 12V/150AH/200AH batteries
2	Equipment cabinet STC15B	1800*800*800	2100*900*900	Air conditioning Heat exchange	Standard 19-inch installation space /40U
		1400*800*800	1700*900*900	Air conditioning Heat exchange	Standard 19-inch installation space /31U
3	Battery cabinet STC15C	1800*800*800	2100*900*900	Compressor air conditioning	Can install 2 sets of 12V/150AH/200AH batteries or a set of 2V/500AH/600AH battery
		1400*800*800	1700*900*900		Can install 2 sets of 12V/150AH/200AH batteries or a set of 2V/500AH/600AH battery
4	Battery cabinet STC15D	(1800*800*800)*2	2100*1760*900	Compressor air conditioning	2 units 2 compartments, Can install 2 sets of 12V/150AH/200AH batteries or a set of 2V/500AH/600AH battery
		(1800*800*800)*2	2100*1760*900		2 units 3 compartments, Can install 2 sets of 12V/150AH/200AH batteries
		(1800*800*800)*3	2100*2615*900		3 units 3 compartments, Can install 2 sets of 12V/150AH/200AH batteries or a set of 2V/500AH/600AH battery
		(1800*800*800)*3	2100*2615*900		3 units 4 compartments, Can install 2 sets of 12V/150AH/200AH batteries
5	Battery cabinet STC15D	(1400*800*800)*2	1700*1760*900	Compressor air conditioning	2 units 2 compartments, Can install 2 sets of 12V/150AH/200AH batteries or a set of 2V/500AH/600AH battery
		(1400*800*800)*2	1700*1760*900		2 units 3 compartments, Can install 2 sets of 12V/150AH/200AH batteries
		(1400*800*800)*3	1700*2615*900		3 units 3 compartments, Can install 2 sets of 12V/150AH/200AH batteries or a set of 2V/500AH/600AH battery
		(1400*800*800)*3	1700*2615*900		3 units 4 compartments, Can install 2 sets of 12V/150AH/200AH batteries



Product Features

1. Small footprint, convenient site selection;
2. Modular assembly structure, simple installation, flexible expansion;
3. Excellent thermal insulation performance, the cabinet adopts sandwich wall panel core material, the cabinet comprehensive thermal conductivity coefficient is 2.0 W/(m²-K), the flame retardant performance of the thermal insulation core material meets the B1 level of GB8624-2012;
4. Excellent protection performance, the protection performance reaches IP55;
5. A variety of temperature control solutions, providing air conditioning, heat exchangers and other temperature control and their combination methods, various temperature control methods are compatible with installation,
6. High integration, can be equipped with battery, power supply, lightning protection, power distribution, temperature control and other subsystems;
7. Good anti-theft performance, using professional anti-theft structure and cross lock cylinder anti-theft door lock, built-in door hinge design, providing excellent anti-theft performance;
8. Good grounding protection performance, comprehensive grounding protection, optional B, B+C, C and other lightning protection solutions;
9. Good weather resistance, all external components are made of special outdoor materials and surface treatment, which can meet the harsh outdoor use environment.

Application

Outdoor cabinets are widely used in the construction of wireless communication base station networks. They are directly exposed to harsh outdoor climatic conditions. They integrate communication power supply systems, AC and DC power distribution, monitoring equipment temperature control equipment, lightning protection and grounding, and other system functions to provide power supply support and working environment protection for internal communication equipment (BBU, RRU, BTS, PTN, etc.). It is mainly used for the construction of new base stations and the upgrading and transformation of old base stations. It has the characteristics of being assembled, disassembled, and repeatedly installed. It is also small, occupies a small area, can be divided into compartments for temperature control, and is economical and energy-saving. It has mature and superior modular design, flexible configuration, high integration, convenient unified management, can be assembled quickly, and is easy to expand.

Outdoor cabinets are divided into integral welding type and assembly type in terms of structure. There are single-cabin type, double-cabin type and multi-cabin type. The cabinet adopts a double-layer or single-layer structure: the surface is sprayed with professional outdoor powder.

The temperature control part can use air conditioners, heat exchangers, air-heat integrated machines and fans.