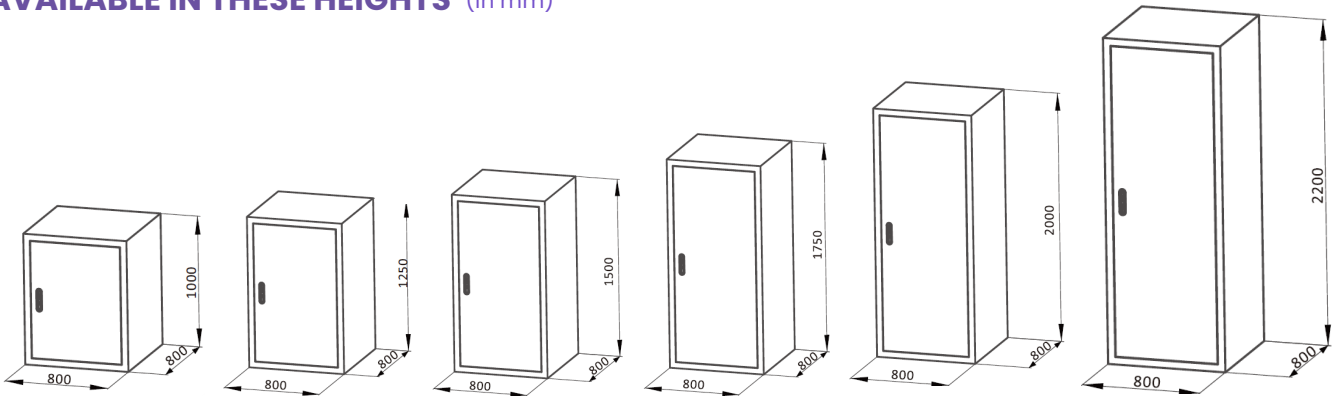


Floor Standing Equipment Rack (Single Bay)

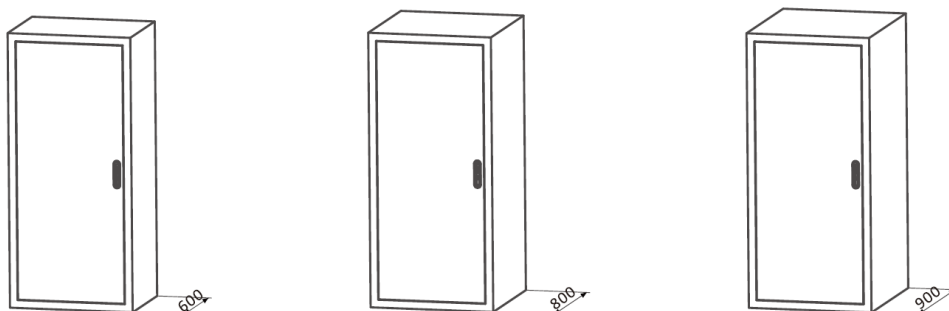
- Rotatable installation racks for easy management
- A/c cooling and heat exchange options available
- Heavy duty for extreme heavy equipment



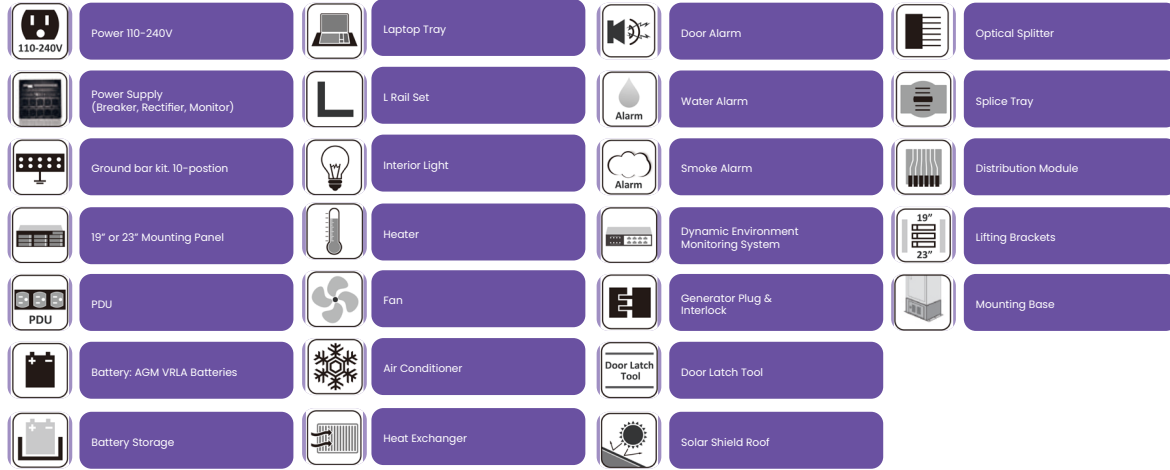
AVAILABLE IN THESE HEIGHTS (in mm)



AVAILABLE IN THESE DEPTHS (in mm)



OPTIONS



This series of floor stand outdoor equipment cabinets are made of galvanized steel plate and sprayed with plastic. Floor stand outdoor equipment cabinet is an equipment that provides outdoor physical working environment and safety system for wireless communication stations under outdoor use conditions. The utility model has the advantages of high integration, small floor area, flexible expansion, simple installation, lateral and back expansion, energy saving, etc.

The galvanized telecom cabinet is integrated with thermal insulation, and the cabinet is equipped with a cabinet air conditioner with different refrigerating capacity. Outdoor equipment cabinet can effectively control the inner ideal temperature of the cabinet and make the communication equipment run in an ideal temperature condition.

| FEATURES

- The external surface of the cabinet is UV resistant, can effectively isolate the solar radiation heat, it can be installed in outdoor hilltops, rooftops and other difficult to move places. It has good windbreak, sand prevention, rain protection, sun protection and anti-theft functions.
- The cabinet door and the top air inlet and outlet adopt the secondary air inlet and heat dissipation design (patented technology), so that the product can meet the IP55 level of sealing protection on the premise of ensuring efficient heat dissipation. Net Weight: 0.5KG/PC
- The effective service life of sealing strip can reach 10 years.
- Adopt outdoor lock, with good sealing and waterproof performance.
- The inner hinge is adopted, and there is no exposed screw outside the cabinet.
- 19" or 23" adjustable rack.

| STANDARDS

IP55 Norm EN 62208 and EN 60529. (IP65 for closures with no fan or AC/unit)
NEMA 3R
NEMA 4 and 4X configurable (unlisted to environmental rating)
• Maximum IK10 resistance Norm IEC 62208 and EN 50102
En 61969-3 Mechanical Structures for Electronic Equipment - outdoor enclosures.
EC 60068-2-30 and IEC 60068-2-11
Built to CE standards. 2006/95/CE.
Shock resistant against sharp objects EN 60439-5
RoHS Compliant
Maximum Voltage 1000 V
Temperature resistant: -40°C +75°C (short time +100°C).

| FLEXIBILITY

- Material can be Constructed of durable, galvanized steel, sandwich panel, stainless steel ss304, aluminium.
- Compartments can be configured to support between 1-4 bays, multi-compartments supported.
- Front and rear access doors allow technicians access to equipment storage areas and cable routing.
- Customized color, standard color RAL7035, other color acceptable based on appointed color code.
- Wide range of thermal management options for even the most demanding heat dissipation needs allows for optimization of thermal performance and reduced energy costs.
- The cooling solution adopted compressed air conditioner, TEC (Thermoelectric Cooler), Hex (heat exchanger), Fans, Combined AC & HEX.
- Offers a wide range of configuration options providing maximum flexibility including PDU, rectifier, integrated AC-DC power systems.
- Offers all kinds environment sensors, including doors, smoke, temperature sensors.
- Remote monitoring system supported, communication protocol is RS485. (Optional)

| ENVIRONMENTAL

- Enclosures and thermal systems have a powder coated finish to withstand the elements and provide superior environmental protection.

| PRECAUTIONS FOR INSTALLATION AND USE

- If conditions permit, try to install the telecom cabinet in a cool and ventilated place with clean surrounding environment.
- After the cable construction is completed, please make sure to seal the gap around the cable with the sealant provided randomly in the cabinet, so as to avoid the condensation caused by moisture entering and affecting the use performance of the equipment. The grounding bar of the cabinet must be reliably grounded, and the grounding resistance to the ground shall be less than 10 Ω.
- Please clean the ventilation and dust screen in the cabinet regularly every month. According to the actual situation, the period of cleaning dust screen can be shortened or extended properly.

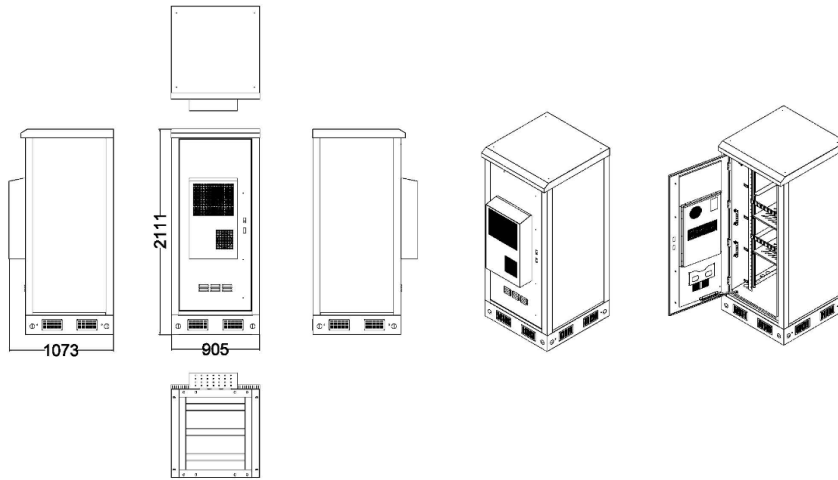
| TECHNICAL PERFORMANCE

Working temperature: -40°C ~ +75°C (Short time +100°C)
Storage temperature: -40°C ~ +75°C
Relative humidity: ≤ 95% (+ 40°C)
Atmospheric pressure: 70kpa ~ 106kpa

| APPLICATIONS

Telecommunication
Wireless / Broadband CATV
Base station
Solar based installations
Wireless cell sites & switches
Transmission terminals
Datacenter
Transportation

| CABINET EXTERNAL SIZE (42U)



| ORDERING (SS 304)

HEIGHT	DETAILS	NO COOLING	WITH FANS	WITH AC UNIT	WITH HEX UNIT
27U	External Size :1450*850*850	149DCS-27808-010	149DCS-27808-020	149DCS-27808-030-XX-Y	149DCS-27808-040
	Internal Size :1200*800*1000	149DCS-27810-010	149DCS-27810-020	149DCS-27810-030-XX-Y	149DCS-27810-040
37U	External Size :1900*850*850	149DCS-37808-010	149DCS-37808-020	149DCS-37808-030-XX-Y	149DCS-37808-040
	Internal Size :1700*800*1000	149DCS-37810-010	149DCS-37810-020	149DCS-37810-030-XX-Y	149DCS-37810-040
42U	External Size :2100*850*850	149DCS-42808-010	149DCS-42808-020	149DCS-42808-030-XX-Y	149DCS-42808-040
	Internal Size :1850*800*800	149DCS-42810-010	149DCS-42810-020	149DCS-42810-030-XX-Y	149DCS-42810-040

XX=AC-POWER- 01= 1000 W 02= 2000 W 03= 3000 W
 Y=NO OF AC UNITS A-1 UNIT, B-2 UNITS