

OUTDOOR EQUIPMENT CABINET WITH COOLING



DESCRIPTION

DATAKOM outdoor cabinet which can protect customer's equipments from damage and extreme weather conditions, vandalism, dust, rain, snow and dripping water. The cabinet is an ideal solution for physical connections of outdoor telecommunication equipment, transmission equipment, power equipment, monitoring equipment, lithium batteries and other supporting equipment. Both active telecom equipment and passive telecom equipment can be accommodated inside the cabinet. Cabinets are available with integrated thermal management using air conditioner to control internal temperatures to protect sensitive equipment.

DATAKOM offers IP55/IP66 rated floor standing equipment Cabinets. Cabinet sizes are Customizable ranging from 9U internal space to 46U special height sizes. External size is 650x650mm with a base of 200mm. The cabinet is made with Galvanized steel with 20mm thermal insulation. The cabinet has a 200mm base + side panel, a hinged door with a lock. The rear door is fitted with air conditioning.

DATAKOM outdoor cabinets are made of Galvanized steel thickness of 1.5mm- 2.0mm single Construction. Cabinet is equipped with 2 sets of 19" profiles for equipment mounting.

Air condition units can be configure depends on the size of cabinet and heat load requirement, cooling capacity range from 300Watts to 3000Watts. All Cabinets are constructed of Strong anti-theft ability, embedded door, inner hinge three-point lock, supporting additional pad lock.

APPLICATION

- Outdoor cabinet is widely used in telecom operators' mobile Telecommunicationsites.
- Outdoor Small Shelters.
- Railway Electrical Control Cabinets.
- Electronic Police.
- Communication Base Stations.
- Outdoor Air Detection Stations.
- Solar Control Cabinets, etc

FEATURES

- High protection grade: IP55
- Strong anti-theft ability, embedded door, inner hinge three-point lock, supporting additional pad lock.
- Cooling system is installed on cabinet, convenient for maintenance, cleaning and replacement.
- Comprehensive protection: door sensor, smoke sensor, water sensor, temperature and humidity sensor, etc.
- Support remote management, improve security and minimize customer's operation cost.
- Compact structure and easy maintenance AC Unit
- CE Certified
- Surface treatment outdoor powder painting to anti-corrosion
- Support Modbus RS485 communication

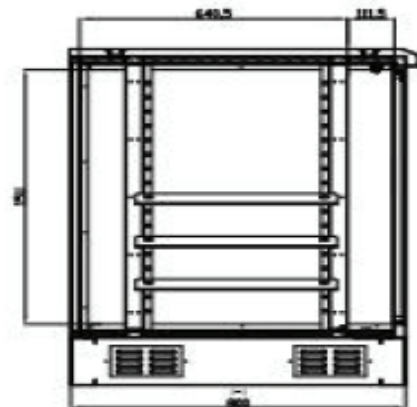
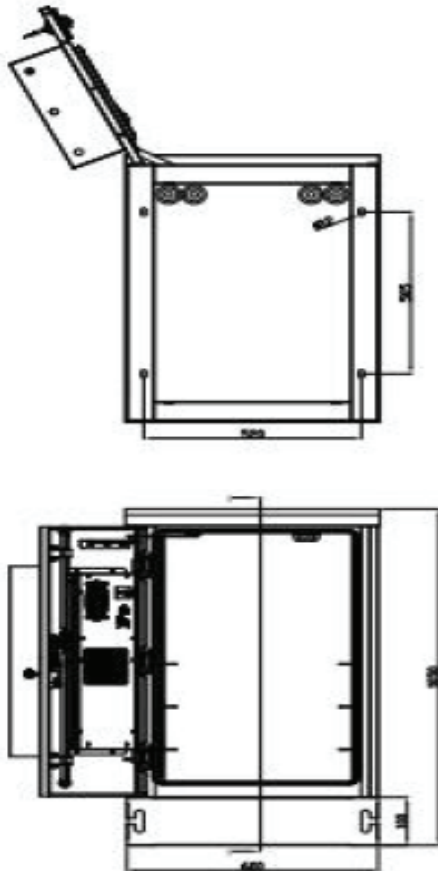
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CONSTRUCTION	
Protection Grade	IP55
External Dimension	H 1010mm × W650mm × D650mm
Internal Dimension	15U 600mm × 600mm
Cabinet Configuration	Cabinet body + cabinet door + base + top cover + rack + cabinet lock Cabinet type: 1 unit, 1 cabin, front door
Material	Steel plate + 20mm thick insulation layer
Thermal insulation performance	Thermal conductivity <0.472W/(m2.k)
Equipment shelf	19 inches, 3 pairs rack
Cabinet base	200mm high, 2.0mm thick
Line entry method	Bottom in and bottom out Φ50*8
Anti-theft design	Built-in door, built-in hinge, 3-point anti-theft lock
Color Appearance	RAL7035, professional outdoor powder coating
Accessories	LED light*1, open the door light on, close the door light off, AC fan*1 with automatic opening and closing function according to the temperature, grounding copper

AC-SPECIFICATION	
Cooling capacity	500W
Energy efficiency ratio	2.2
Input voltage	AC220V
Temperature control method	Intelligent temperature control, which can be automatically adjusted according to the temperature in the cabin
Protection level	IP55
Communication method	RS485
System certification	ISO9001, ISO14001, ISO45001
Product certification	3C
Weight	15Kg

DC FAN - SPECIFICATION	
Operating Voltage & Rated current	DC 36~54V 0.64A (Max:1.0A)
Power consumption	30.72W (Max:48W)
Speed	5000 ± 10%RPM
Airflow @ Zero Static	242.2CFM
Noise Level	65.5dB-A(Max:68.7dB-A)
Life expectancy	70000 hrs at
Operating temperature range	-40°C ~ 60°C

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ORDERING INFORMATION

Description

DATACOM Outdoor Cabinet 15U Internal Height 600x600 depth ,
Steel Galvanized,Single wall,with 200mm Base,Top Cover,IP55
Rated fitted 500W cooling unit (220V,1Phase)

Part No.

DC-O55F-15U6565SW-AC