

38U Outdoor Cabinet, Sandwich Structure, Air Conditioner, IP55



Description

The 38U Outdoor Cabinet is a high-performance solution designed to house and protect a wide range of active and passive equipment in challenging outdoor environments. Constructed with a welded sandwich structure, these enclosures offer exceptional strength, durability, and superior thermal insulation properties. This innovative design not only enhances energy efficiency but also significantly reduces heating and cooling costs, making it an ideal choice for long-term outdoor deployments.

To ensure optimal performance and protection, the cabinet is equipped with an integrated air conditioning system, providing precise climate control to maintain a stable internal environment. This feature is critical for safeguarding sensitive equipment against extreme temperatures, humidity, and other environmental factors, ensuring uninterrupted operation in any condition. Whether deployed in telecommunications, industrial, or utility applications, the 38U Outdoor Cabinet delivers unmatched reliability and protection for your critical infrastructure.

General Specification

Material	Three Layer, 1.5mm Thickness Galvanized Steel as Outer Layer, 20mm Thickness Thermal Insulation Foam as Middle Layer, and 0.8mm Thickness Galvanized Steel as Inner Layer
Finish	Pantone 428C Powder Coating
Color	RAL7035 Light Grey
External Dimension	H1700xW750xD750 mm, excluding Plinth H150 mm
Protection Level	IP55
Installation	Pad Mount
Access	Front Door
Rack Mount	19"
Locking Mechanism	3-Point Locking
Cable Access	At the Bottom
Optional Accessories	Power Distribution Unit, Cable Management Rings, Grounding Bar, etc.

Cooling System

1000W Air Conditioner or 1500W Air Conditioner, AC 220V or DC 48V

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LED Lighting

12W Led Light 48V DC

Monitoring

Temperature and Humidity Sensor	1pc, DC 48V
Smoke Sensor	1pc, DC 48V
Door Sensor	2*Door Limit Sensor

Environmental Parameter

Operating Temperature	-40°C to +55°C
Storage Temperature	-40°C to +70°C
Humidity	5% to 95%

Ordering Information

Part No.	Description
0524G3C53801	38U Outdoor Cabinet, Galvanized Steel, 1000W Air Conditioner, IP55
0524G3C63801	38U Outdoor Cabinet, Galvanized Steel, 1500W Air Conditioner, IP55

Note: we accept customization for outdoor enclosures, kindly send emails to support@nbspringsystem.com for more details.