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Australia Server Rack Outdoor Type

Overview

4Cabling is Australia''s leading retailer of outdoor wall mounted cabinets in vented and non vented types.

Key Takeaways

Outdoor server racks in Australia are available in IP45, IP55, and IP65 ratings, with wall-mounted or freestanding designs ranging from 6RU to 27RU, built to withstand harsh weather conditions.

Key Features and Types

IP Ratings: Outdoor server racks are rated for protection against dust and water ingress. Common ratings include IP45, IP55, and IP65, with higher numbers offering greater protection against harsh weather and environmental exposure .

Design Options: Racks are available in wall-mounted or freestanding configurations. Wall-mounted racks are ideal for limited space, while freestanding cabinets provide larger capacity and easier access for maintenance .

Rack Units (RU): Outdoor racks come in various sizes, typically from 6RU up to 27RU, allowing flexibility depending on the number of servers or network devices to be housed . One RU equals 44.45mm in height, which helps in planning and organizing equipment efficiently .

Ventilation and Cooling: Some outdoor racks include serviceable fans and filters to maintain airflow and prevent overheating, while others are fully sealed for maximum weatherproofing .

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Security and Durability: Outdoor cabinets are designed to protect against dust, rain, and unauthorized access, making them suitable for Australian conditions. Materials are typically robust steel or aluminum with lockable doors .

Australian Suppliers
• 4Cabling offers a wide range of outdoor server racks and data cabinets, fully assembled with free shipping across Australia, featuring IP45 and IP65 ratings .

• AccessComms provides IP55-rated outdoor cabinets, engineered for rugged Australian conditions, available in multiple RU sizes and shipped from Sydney and Melbourne .

• CERTECH supplies IP66, IP65, and IP45 outdoor racks with options for wall-mount or freestanding designs, including ventilation and maintenance-friendly features .

• UPS Solutions specializes in IP45 and IP65 wall-mounted outdoor cabinets suitable for UPS and IT equipment in exposed environments .

• Dataworld Australia offers a broad selection of server racks and accessories, with fast dispatch and compliance with Australian design standards .
Considerations for Selection
• Environmental Exposure: Choose a rack with an IP rating suitable for your location's weather conditions. Coastal or high-rainfall areas may require IP65 or higher.

• Capacity Needs: Determine the number of servers and network devices to select the appropriate RU size.

• Maintenance Access: Consider racks with removable panels, fans, and filters for easier upkeep.

• Security: Ensure lockable doors and tamper-resistant features if the rack is in a public or semi-public area.

• Installation Type: Decide between wall-mounted or freestanding based on space availability and accessibility.

By considering these factors, you can select an outdoor server rack in Australia that ensures reliable protection, optimal airflow, and secure housing for your IT infrastructure.

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