

EATON SmartRack Premium 42U Server Rack Enclosure



DESCRIPTION

A deeper version of our standard 42U SmartRack® cabinet. This enclosure is 1143 millimeters deep (45 inches) compared to the standard 1050 millimeters. This extra depth allows for high-density equipment installations. It allows extra space for moving the cable management back, as well as providing space for mounted equipment that has hot-swap, removable power supplies out the back of the enclosure.

The SR42UBDP houses 3,000 pounds (1360.8 kilograms) of standard 19-inch rack equipment in 42U. Its front and rear pairs of vertical rails have square mounting holes that are adjustable in quarter-inch increments from four to 42 inches. Adjustment is quick and an easy-view depth index ensures consistent rail placement without requiring time-consuming measurements. Each rack space within the enclosure is numbered for ready reference.

Two of the adjustable vertical mounting rails support toolless button-mount 0U installation of up to four compatible PDUs and cable managers. This feature makes it easier to route cabling to rack equipment and reduces cord clutter.

With its locking, reversible, removable front and rear doors and locking, removable side panels, the SR42UBDP provides ultimate equipment safety. The side panels are half size for ease of removal and reinstallation. The split rear door design allows the enclosure to be placed closer to a wall. The SR42UBDP meets all requirements toward PCI DSS compliance.

The top panel of the SR42UBDP is vented to help remove warm air from the enclosure and draw in cool air by convection. The top panel includes ports for cable routing and can be quickly removed without tools. To facilitate cable access, the SR42UBDP is open-bottom.

All components of the SR42UBDP are grounded to the enclosure frame. Front and rear threaded grounding points are provided for connection to the facility earth ground. The removable front and rear doors feature quick-release ground wires.

To simplify deployment, the SR42UBDP comes with preinstalled casters that enable it to be easily maneuvered into the desired location, where it can be secured by adjusting the preinstalled levelers. Note: The casters are intended for minor position adjustments and are not designed for moving the enclosure over long distances.

Ships fully assembled for rapid deployment and roll into place on pre-installed casters (casters are removable)
Front and rear sets of equipment mounting rails adjust in 1/4» increments. Adjustment is quick and convenient. The easy-view depth index ensures consistent rail placement without requiring time-consuming measurements.

Toolless accessory mounting rails (2 rails per enclosure) include slots for quick installation of compatible PDUs and vertical cable managers. Mounting slots are arranged in an industry-standard pattern compatible with a wide variety of accessories. Each rail can accommodate two vertical PDUs or cable managers side-by-side (four items per enclosure).

Enclosure includes mounting hardware of M6 cage nuts and 50 pieces of M6 screws

Textured powder coat finish for tough resistance to environmental concerns such as deployment in warehouses.

Massive front to rear ventilation capacity. 65+% open space in door perforation pattern meets or exceeds server manufacturer requirements.

Maximum usable internal depth of 42 inches/1070mm (front to rear rail).

Weight ratings of 3000 lbs (1360.8 kgs) stationary and 2250 lbs (1020.6 kgs) rolling.

Front door is locking, reversible and removable.

Rear doors are locking and reversible. Split rear door design reduces clearance requirements for service entry allowing the enclosure to be placed closer to a wall.

Locking removable side panels are 'half size' to make them smaller and lighter improving ease of installation and servicing. Two side panels per side (4 panels total). Side panels are keyed alike to the front and rear doors.

Built in latching tabs allow enclosures to be combined securely in rows. Center-to-center width can be set at 600mm or 24».

Leveling feet extend to allow enclosure to be positioned on uneven floors. Levelers are removable.

Compact design allows the enclosure to roll through standard height commercial doorways.

Convenient grounding system. All components are grounded to the enclosure frame which includes multiple connections for facility ground. Front and rear doors include quick-release ground wires.

Open bottom for cable access.

Top panel has generous cable access holes. Panel can be removed toollessly in seconds without having to disconnect cables first.

Included stabilizing brackets are used for shipment and can be reattached at the bottom of the enclosure frame on the inside or outside of the rack.

Meets all enclosure requirements towards PCI DSS (Payment Card Industry Data Security Standard) Compliance

Compatibility with airflow optimization accessories as well as cable management accessories.

TECHNICAL CHARACTERISTICS

Brand : EATON
Part number : SR42UBDP
Caractéristiques :
Type : Freestanding rack
Certification : EIA-310-E, UL60950; RoHS
Country of origin : China
Depth : 1219.2 mm
Harmonized System (HS) code : 8517.79.0000
Height : 1993.9 mm
Master (outer) case gross weight : 165.6 kg
Master (outer) case height : 2159 mm
Master (outer) case length : 1270 mm
Master (outer) case width : 850.9 mm
Maximum weight capacity : 1361 kg
Package depth : 1270 mm
Package height : 2159 mm
Package weight : 165.6 kg
Package width : 850.9 mm
Product colour : Black
Products per master (outer) case : 1 pc(s)
Rack capacity : 42U
Weight : 142.9 kg
Weight (imperial) : 142.9 kg (315 lbs)
Width : 600.2 mm