42U SmartRack Mid-Depth Expansion Rack - side panels not included

MODEL NUMBER: **SR42UBMDEXP**





Highlights

- 42U SmartRack enclosure with doors and NO side panels. 'EXP' version is an expansion model for when several cabinets are bayed together
- 36" (927mm) depth (with mounting depth increments from 4 to 28.75") and standard 24" (600mm) width
- 4 interior vertical posts with unthreaded square hole openings
- Ships fully assembled
- Massive front to rear ventilation capacity
- 3000 lbs (1360.8 kgs) stationary / 2250 lbs (1020.6 kgs) rolling load capacity
- Locking, removable, reversible front and rear doors
- Rolls through standard 7-ft. (2.13 m) doorways

Package Includes

- SR42UBMDEXP
- (2) Door keys
- (50) M6 screws
- (50) M6 cage nuts
- (50) M6 washers
- Owner's Manual

Description

The SR42UBMDEXP is an expansion model with a depth of 36 inches (927 millimeters) and width of 24 inches (600 millimeters). An expansion cabinet is ideal when several cabinets are bayed together. It has doors and a roof, but no side panels. Its integrated baying tabs make it easy to combine multiple enclosures in rows fro data center application. The SR45UBMDEXP is also compatible with hot aisle/cold aisle configurations.

The SR42UBMDEXP houses 3,000 pounds (1360.8 kilograms) of standard 19-inch rack equipment in 42U. Offers vendor-neutral square hole/cage nut mounting for guaranteed compatibility with all EIA-310-E compliant 19-inch equipment. Its front and rear pairs of vertical rails are adjustable in quarter-inch increments from four to 28.75 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 these 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.

The top panel of the SR42UBMDEXP 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 SR42UBMDEXP is open-bottom.

All components of the SR42UBMDEXP 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 SR42UBMDEXP 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.

Features

- Ships fully assembled for rapid deployment and roll into place on heavy-duty 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 50 pieces 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 31 inches/787 mm (front to rear frame).
- 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.
- Built in baying tabs allow enclosures to be combined securely in rows. Center-to-center width can be set at 600mm or 24" to match standard data center floor tiles.
- Leveling feet extend to allow enclosure to be positioned on uneven floors. Levelers are removable.
- 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.
- Compatibility with airflow optimization accessories as well as cable management accessories.

Specifications

OVERVIEW	
UPC Code	037332175663
Device Compatibility	Patch Panel; Network Switch; UPS
Rack Type	Enclosure
PHYSICAL	
Color	Black
Rack Height	42U
Rack Depth	Mid
Factory Preset Rack Depth (in.)	22.75
Factory Preset Rack Depth (cm)	57.8
Factory Preset Rack Depth (mm)	578
Maximum Device Depth (cm)	78.74
Maximum Device Depth (in.)	31
Maximum Device Depth (mm)	787
Minimum Device Depth (cm)	10.16
Minimum Device Depth (in.)	4
Minimum Device Depth (mm)	102
Shipping Dimensions (hwd / in.)	78.00 x 24.00 x 36.50
Shipping Dimensions (hwd / cm)	198.12 x 60.96 x 92.71

Shipping Weight (lbs.)	236.00
Shipping Weight (kg)	107.05
Unit Dimensions (hwd / in.)	78.500 x 23.630 x 36.000
Unit Dimensions (hwd / cm)	199.39 x 60.02 x 91.44
Unit Weight (lbs.)	186
Unit Weight (kg)	84.37
Weight Capacity - Rolling (kg)	1,021
Weight Capacity - Rolling (lbs.)	2250
Weight Capacity - Stationary (kg)	1,361
Weight Capacity - Stationary (lbs.)	3000
Number of Vertical Mounting Rails	4
FEATURES & SPECIFICATIONS	
Grounding Details	Front and Back door frames
Built-in Cable Management	No
Extra Wide	No
Pre-Installed Casters	Yes
STANDARDS & COMPLIANCE	
Product Certifications	UL 60950-1
Product Compliance	RoHS; CE (Europe); UKCA
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	5-year limited warranty

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