Tripp Lite
1111 W. 35th Street
Chicago, IL 60609 USA
Telephone: 773.869.1234
www.tripplite.com

42U SmartRack Seismic-Rated Standard-Depth Rack Enclosure Cabinet with doors & side panels

MODEL NUMBER: **SR42UBZ4**







Description

SR42UBZ has been designed and tested to meet Telcordia GR-63-CORE Network Equipment & Building Systems (NEBS) requirements for Zone 4 Seismic Earthquake Environments. It is designed for secure, high density server and networking applications in IT environments that are earthquake prone or subject to regular vibration, such as an airport or factory. Designed with provisions to integrate cooling, power distribution and cable management, SmartRack enclosures make ideal homes for mission-critical equipment. Vendor-neutral square hole/cage nut mounting for guaranteed compatibility with all EIA-310-E compliant 19" equipment. Enclosures ship fully assembled for rapid deployment. Toolless mounting slots allow quick installation of PDUs and vertical cable managers. Adjustable mounting rails include and easy-view depth index to eliminate time-consuming measurements. Lightweight modular doors and side panels provide safe, convenient service access. Integrated baying tabs facilitate combining enclosures in rows from standard data center baying applications. SmartRack enclosures support cooling, cable management, power distribution and monitoring features that keep critical servers and network equipment operating nonstop. Perforated doors permit massie front to rear airflow that exceeds servers manufacturer requirements. Enclosures are fully compatible with hot-aisle / cold-aisle data center configurations.

Features

- Ships fully assembled for rapid deployment
- 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 fo compatible PDUs and vertical cable managers. Moutning slots are arranged in an industry-standard pattern compatible with a wide variety of accessories. Each rail can accomodate 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.

Highlights

- Tested to NEBS Seismic Zone 4 requirements
- 42U SmartRack enclosure with doors and side panels
- 4 interior vertical posts with unthreaded square hole mounting
- Standard 24" width for optimizing floor space
- Ships fully assembled
- Massive front to rear ventilation capacity
- Locking, removable side panels keyed alike with doors
- Includes 50 pieces of M6 cage nuts and 50 pieces of M6 screws (equipment mounting hardware)
- Meets all enclosure requirements towards PCI DSS (Payment Card Industry Data Security Standard) Compliance

Applications

Ideal for facilities located in earthquake-prone seismic zones or any environment prone to extreme vibration such as factories, power stations, construction areas, shipping facilities, warehouses, processing plants, railroads, airports and military installations.

Package Includes

- SR42UBZ4 Rack Enclosure
- (4) Side panels
- (4) Side panel locks
- (50) M6 screws
- (50) M6 cage nuts
- (50) M6 washers
- (2) Door & side panel keys
- Owner's Manual

- 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 37 inches/94 cm (front to rear rail).
- 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 removablle 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 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.
- 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.
- Designed and tested to meet Telcordia GR-63-CORE Network Equipment & Building Systems (NEBS) requirements for Zone 4 Seismic Earthquake Environments.
- 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.

Specifications

PHYSICAL	
Installed Whole System Maximum Rack Depth (in.)	37
Installed Whole System Maximum Rack Depth (cm)	94..0
Installed Whole System Minimum Rack Depth (in.)	4
Installed Whole System Minimum Rack Depth (cm)	10.16
Rack Height (U Spaces)	42
Shipping Dimensions (hwd / in.)	85 x 26 x 45
Shipping Dimensions (hwd / cm)	216 x 66 x 114.3
Shipping Weight (lbs.)	395
Shipping Weight (kg)	179
Unit Dimensions (hwd / in.)	78.5 x 23.63 x 43
Unit Dimensions (hwd / cm)	199.39 x 60.02 x 109.22
Unit Weight (lbs.)	353
Unit Weight (kg)	160
Unit Dimensions (cm)	EXTERNAL DIMENSIONS: 199 x 60 x 109 (HWD)
Color	Black

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Factory Preset Rack Depth (in.)	27.75
Factory Preset Rack Depth (cm)	70.49
Hinged (Swings Away from Wall Bracket)	No
SPECIAL FEATURES	
Grounding Lug	Front and Back door frames
Seismic Rack	Yes
CERTIFICATIONS	
Certifications	EIA-310-E, Seismic Zone 4 (NEBS GR-63-CORE)
NOM (Mexico)	Tested to NOM (Mexico)
Approvals	UL60950; RoHS
WARRANTY	
Product Warranty Period (Worldwide)	5-year limited warranty

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