Model #: SR42UBEIS

42U SmartRack NEMA 12-Rated Industrial Premium Enclosure (includes doors and side panels)

Highlights

- 42U SmartRack industrial premium enclosure with doors and side panels
- NEMA 12(IP54) protection rating
- 4 interior vertical posts with thread-less square hole openings
- Zone 4 Seismic Rating
- Replaceable (off-the-shelf) dust filters
- 3000 lb stationary / 3000 lb rolling load capacity
- Locking, removable side panels keyed alike with doors
- Large diameter industrial casters
- 12 high performance exhaust fans
- Accommodates all standard 19-inch rackmount equipment (complies with TIA/EIA-310-D, IEC 60297-3-100 and DIN 41494)
- 6 cable ports allow cable access while maintaining dust and moisture resistance
- Meets all enclosure requirements towards PCI DSS (Payment Card Industry Data Security Standard) Compliance
- Ships fully assembled

Description

The SR42UBEIS Industrial SmartRack Enclosure is ideal for customers who need to protect valuable equipment in harsh working environments that would overwhelm a typical rack. The enclosure has a NEMA 12 protection rating, which is equivalent to IP54. That means it can protect your equipment from falling dirt, dust, drips, splashes and accidental contact with personnel. The front and rear doors have ventilating louvers instead of open mesh. They also have a sealing gasket around the door frames. On the front door there are built-in dust filters. The filters are removable and they can be replaced with standard furnace filters - they're simple, inexpensive and effective. To compensate for the added air resistance of the filters, there are 12 large, high performance fans to the rear door. The fans pull air through the enclosure, from front to rear. The roof of the enclosure is sealed with a cap that keeps drips and falling dirt from getting inside the enclosure. Since the doors and top are sealed, cable access is provided through 6 cable ports - 4 in the roof and 2 below the rear door. They allow cables to pass through, but they block the area around the cables maintaining the NEMA 12 protection. The cabinet has a Zone 4 seismic rating. That means the SR42UBEIS can withstand extreme movement and vibration, equivalent to the stress of a major earthquake. Even if it is used in an area where earthquakes are rare, the Zone 4 seismic rating is useful in any industrial setting. The enclosure may be subjected to extreme vibrations and movements produced by vehicles and machinery. The heavy-duty steel frame supports up to 3000 pounds. The large-diameter industrial casters also support up to 3000 pounds, which means you can move the enclosure fully loaded. This is useful where you can install all your equipment in a clean environment, close the enclosure and wheel it to the dirty environment with all your equipment already protected. After the enclosure is in place, the levelers allow you to compensate for minor floor variations and make sure everything is stable. If you need to build a data center in the middle of your factory floor, you can do it with this enclosure. It's perfect for locations like factories, power stations, construction areas, shipping facilities, warehouses, processing plants, transport hubs and anywhere you need to protect equipment in a harsh working environment.

Applications

Ideal for harsh indoor environments that require protection from falling dirt or liquid, dust, light splashing, oil or coolant seepage, or accidental contact by personnel. Its NEMA Zone 4 rating also makes it perfect 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

- SR42UBEIS Rack Enclosure
- (4) Side panels
- (4) Side panel locks
- (2) Keys for door and side panels
- (50) M6 screws

- (50) M6 cage nuts
- (50) M6 washers
- (1) Air filter
- (3) AC power cords
- Owner's Manual

Features

- NEMA 12(IP54) protection rating allowing protection from falling dirt, dust, drips, splashes and accidental contact with personnel.
- Zone 4 Seismic Rating--can withstand extreme movement and vibrations of heavy and machinery and vehicles as well as the stress of a major earthquake
- Heavy duty steel frame supports 3000lbs
- Large diameter industrial casters supports 3000lbs which allows the enclosure to be moved fully loaded.
- Front and rear doors have ventilating louvers and a sealing gasket around the door frames.
- Built-in removable dust filters that can be replaced with standard furnace filters.
- 12 large, high-performance fans in rear door that pull air through the enclosure, from front to rear.
- 6 cable ports allow cable access while maintaining dust and moisture resistance.
- Accommodates all standard 19-inch rackmount equipment.
- Ships fully assembled for rapid deployment.
- Meets all enclosure requirements towards PCI DSS (Payment Card Industry Data Security Standard) Compliance

Specifications

PHYSICAL	
Installed whole system maximum rack depth (inches)	37
Installed whole system maximum rack depth (cm)	93.98
Installed whole system minimum rack depth (inches)	4
Installed whole system minimum rack depth (cm)	10.16
Rack Height	42U
Shipping Dimensions (HWD/in)	86.5 x 26 x 45
Shipping Dimensions (HWD/cm)	219.7 x 66.04 x 114.3
Shipping weight (lbs)	352
Shipping weight (kg)	159.66
Unit Dimensions (in.)	EXTERNAL DIMENSIONS: 79.8 x 23.63 x 43(HWD)
Unit weight (lbs)	310
Unit weight (kg)	140.6
Unit Dimensions (cm)	EXTERNAL DIMENSIONS: 202.69 x 60 x 109 (HWD)
Color	Black
Weight Capacity - Stationary (lbs)	3000
Weight Capacity - Rolling (lbs)	3000
Units per Pallet	1

Weight Capacity - Stationary (kg)	1360.8
Weight Capacity - Rolling (kg)	1360.8

CERTIFICATIONS

Certifications	EIA/ECA-310-E and IP20 Standards
NOM (Mexico)	Tested to NOM (Mexico)
Approvals	UL60950; RoHS

WARRANTY

Product Warranty Period (Worldwide)	2-year limited warranty

Related Items

Optional Products

Related Model	Description	Qty.
B020-U08-19-IP	Console KVM Switch - 8-Port NetDirector 1U Rackmount Console IP KVM Switch w/19" LCD	1
B021-000-17	Rackmount Console - 1U Rackmount Console with 17" LCD	1
B021-000-19	Rackmount Console - 1U Rackmount Console with 19" LCD	1
B040-008-19	NetController 19" VGA Console KVM Switch - 8 Port	1
B040-016-19	NetController 19" VGA Console KVM Switch - 16 Port	1
N252-012	12-Port Cat6 Patch Panel 568B, 1U	1
N252-024	24-Port Cat6 Patch Panel 568B, 1U	1
N252-048	48-Port Cat6 Patch Panel 568B	1
SRCABLEDUCTVRT	6-ft. (1.8 m) Vertical Cable Manager (Double finger duct with cover; toolless mounting.)	1
SRCABLEDUCT1U	1U Horizontal Cable Manager (Finger duct with cover.)	1
SRCABLERINGVRT	6-ft. (1.8 m) Vertical Cable Manager (Flexible ring type; toolless mounting.)	1
SRCABLERING1U	1U Horizontal Cable Manager (Flexible ring type.)	1
SRCABLERING2U	2U Horizontal Cable Manager (Flexible ring type.)	1
SRCOMBO	Door Handles with Combination Lock (2-pack for front and rear doors; includes bypass key.)	1
SRSHELF2P	2U Cantilever Fixed Shelf (60 lb / 27 kg capacity; 18-in. / 457 mm depth.)	1
SRSHELF4PHD	Heavy-Duty Fixed Shelf (250 lb / 113 kg capacity; 26 in / 660 mm depth.)	1
SRSHELF4PKYBD	Keyboard Shelf (25 lb / 11 kg capacity; 16-in. / 406 mm depth.)	1
SRSHELF4PSLHD	Heavy-Duty Sliding Shelf (200 lb / 91 kg capacity; 26 in / 660 mm depth.)	1
SRSTABILIZE	Anti-Tip Stabilizing Plate Kit (Provides extra stability for standalone enclosures.)	1
SRSWITCH	Magnetic Door Switch Kit for front and rear doors; requires ENVIROSENSE	1
SR1UPANEL10	1U Blanking Panel Kit (10 pieces; toolless mounting.)	1
SR1UPANEL50	1U Blanking Panel Kit (50 pieces; toolless mounting.)	1
SRVRTBAR	Vertical Cable Management Bars	1
SRCASTERHDKIT	Heavy-Duty Rolling Caster Kit (includes 4 casters)	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at
www.tripplite.com/en/products/model.cfm?variables.txtModelID=4887.