# SmartRack 12U Mid-Depth Rack Enclosure Cabinet for Harsh Environments

MODEL NUMBER: **SR12UBFFD**



## Highlights

- Built-In Dust Filter: Protects against airborne particles and easily replaced with standard off-the-shelf furnace filters
- Heavy-Duty Construction: Withstands jolts and vibrations in harsh working environments
- Louvered Door: Keeps out drips, splashing water and falling debris
- 4 High-Performance Fans: Maintain ample airflow to keep equipment cool

## Package Includes

- SmartRack 12U Mid-Depth Rack Enclosure Cabinet
- (36) M6 cagenuts
- (36) M6 screws
- (36) Washers
- (2) Keys
- (1) Removable/Replaceable dust filter
- (4) Casters
- (4) Leveling feet
- (1) C13 to NEMA 5-15 power cord, 10'
- Owner's Manual

## Description

This SmartRack 12U Mid-Depth Rack Enclosure Cabinet protects sensitive electronic equipment from harsh conditions that would overwhelm a typical rack enclosure. It is deal for use in factories, construction areas, utility plants, warehouses and other areas with limited space that are high in moisture, dust and debris. It can protect your equipment from falling dirt, dust, drips, splashes and accidental contact with personnel. On the front door there is a built-in dust filter. The filter is removable and 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 4 large, high performance intake fans in the front door. The fans pull air through the enclosure, from front to side. Adjustable rack rails with square mounting holes accommodate up to 12U of standard 19" rackmount equipment. Supports up to 1000 lbs of equipment.

## Features

- 12U floor enclosure
- Protection from falling dirt, dust, drips, splashes and accidental contact with personnel
- Adjustable mounting depths from 3" to 32.5" inches
- Front door has ventilating louvers
- Built-in removable dust filter that can be replaced with standard furnace filters (20" x 24" x 1")
- 4 large, high-performance fans in front door that pull air through the enclosure, from front to rear
- 2 cable ports allow cable access while maintaining dust and moisture resistance
- Locking, reversible front door
- Locking, removable solid side panels
- Fully assembled for quick installation
- Meets all enclosure requirements towards PCI DSS (Payment Card Industry Data Security Standard) compliance

# Specifications

| INPUT | |
|---|---|
| Nominal Input Voltage(s) Supported | 120V AC |
| Nominal Input Voltage Description | 120V 50/60 Hz |
| Input Cord Length (ft.) | 10 |
| Input Cord Length (m) | 3.05 |
| Input Plug Type | NEMA 5-15P |

| PHYSICAL | |
|---|---|
| Rack Height (U Spaces) | 12 |
| Maximum Device Depth (in.) | 32.5 |
| Maximum Device Depth (cm) | 82.55 |
| Minimum Device Depth (in.) | 3 |
| Minimum Device Depth (cm) | 7.62 |
| Shipping Dimensions (hwd / in.) | 29.8 x 27 x 41.1 |
| Shipping Dimensions (hwd / cm) | 64 x 60 x 97.8 |
| Shipping Weight (lbs.) | 130 |
| Shipping Weight (kg) | 59 |
| Unit Dimensions (hwd / in.) | 25.2 x 23.6 x 38.5 |
| Unit Dimensions (hwd / cm) | 64 x 59.95 x 97.79 |
| Unit Weight (lbs.) | 96 |
| Unit Weight (kg) | 43.54 |
| Color | Black |
| Weight Capacity - Stationary (lbs.) | 1000 |
| Weight Capacity - Rolling (lbs.) | 1000 |
| Weight Capacity - Stationary (kg) | 454 |
| Weight Capacity - Rolling (kg) | 454 |
| Factory Preset Rack Depth (in.) | 10.42 |
| Factory Preset Rack Depth (cm) | 26.5 |
| Factory Preset Rack Depth (mm) | 265 |
| Maximum Device Depth (mm) | 826 |
| Minimum Device Depth (mm) | 76 |

| SPECIAL FEATURES | |
|---|---|
| Grounding Lug | Front and back door frames |

| CERTIFICATIONS | |
| --- | --- |
| Approvals | EIA-310-E, IEC 60297-3-100, IP54 Protection Rating, RoHS |
| **WARRANTY** | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |