

SAFESERV SX - SERVER RACK RANGE

DATA CENTRE RACKS



The SafeServ SX range is a high-performance enclosure solution engineered for modern data centre environments where security, airflow efficiency, and flexibility are critical. Built with fully welded front and rear steel frames, the SX range delivers exceptional structural strength and long-term reliability, supporting high load capacities in mission-critical installations.

Designed with 83% mesh doors, the SafeServ SX range enables high-volume airflow to support efficient cooling strategies and improved PUE, while maintaining secure access control. Compatibility with airflow containment and blanking solutions ensures optimal thermal management across white space deployments.

Available in multiple heights, depths, and widths, the SX range offers flexible configuration options.

KEY FEATURES

- **High Strength & Durability:** Fully welded front and rear steel frames designed for maximum load capacity and long-term reliability.
- **Optimised Airflow:** 83% mesh doors enable high-volume airflow while maintaining secure access control.
- **Flexible Configurations:** Available in multiple heights, depths, and widths, with optional curved or flat doors, single or double leaf plus single or split side panels, as well as tailored finishes.
- **Efficient Cooling & PUE Support:** Compatible with airflow containment and blanking solutions to improve cooling efficiency and power usage effectiveness.
- **Critical Protection:** Secure, lockable panels and doors to protect mission-critical data.
- **Customisable Appearance:** Choice of standard black or white finishes
- **Standards Compliant:** Conforms to IEC-60297-3, EIA-310-E, ISO 9001:2015 and meets RoHS and REACH requirements.
- **Versatile Deployment:** Ideal for server, network, & colocation environments

TECHNICAL CHARACTERISTICS

- **Material:** Steel
- **Finish:** Polyester Powder Coat
- **Colour:** White (RAL 9003)
- **Mounting Format:** 19 Inch
- **Mounting Profiles:** Front And Rear, Depth Adjustable
- **Front Door:** Single-leaf Flat 83% Mesh
- **Rear Doors:** Double-leaf Flat 83% Mesh
- **Door Handles:** Swing Handle – 3 Pin Combination
- **Door Locking:** Single Point Locking System
- **Side Panels:** Plain Panels Split Horizontally
- **Panel Locking:** Non-keyed Cam Latch
- **Profile Setback:** Front: 120mm, Rear: 120mm
- **Earthing:** Base mounted horizontal copper earth bar
- **Cable Ingress:** Segregated Top & Base Cable Entry Channels
- **Standards:** IEC 60297-3, EIA-310-E, Rohs, REACH, ISO9001:2015
- **Packaging:** Standard Pallet Packing Kit
- **Included Accessories:** Baying Kit, Levelling Feet

STANDARD SIZES

SKU	Rack Height (RU / mm)	Rack Width (mm)	Rack Depth (mm)
SX-C470812-W	47U / 2198	800	1200
SX-C470810-W	47U / 2198	800	1000
SX-C420812-W	42U / 1976	800	1200
SX-C420810-W	42U / 1976	800	1000
SX-C470612-W	47U / 2198	600	1200
SX-C470610-W	47U / 2198	600	1000
SX-C420612-W	42U / 1976	600	1200
SX-C420610-W	42U / 1976	600	1000

OPTIONAL ACCESSORIES

- **Mounting Profile Kits:** 19" Mounting Profiles, ETSI Mounting Profiles & Intermediate Support Profiles
- **Cable Ingress Brush Strip:** Top/Bottom Panel Brush Strip Kits
- **Air Blocking Kits:** Plain Air Blocking Kit, 0U Air Blocking Kit & 0U Maxi Air Blocking Kit
- **Infill Blanking Panels:** 6U Eziblack Panels & 27U Plenafil Panels
- **Cable Trays:** 100mm wide cable tray kit & 150mm wide cable tray kit
- **Earth Bars:** Horizontal Earth Bar Kit & Vertical Earth Bar Kit
Swing Handles: Keyed Swing Handle Kit, Combination Swing Handle Kit & Electronic Swing Handle Kit
- **Base Cable Management:** Plinth
4 Post Plinth with Plain Blanks
4 Post Plinth with Brushed Blanks
- **Colour Options:** Black (RAL 9005)
White (RAL 9003)
- **Global Packaging Kits:** Wooden Shipping Crate Packaging Kit
- **Transport Castors:** Transport Castors Dolly Kit

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