

Eaton RS Enclosure



Simple to configure data center solutions

RS Enclosure key features

- Power optimized for seamless integration with Eaton power solutions
- Flexible reconfiguration
- Full range of sizes from 42U to 52U; global metric (mm)
- Simple to specify, order and configure



RS Enclosures solve customers' challenges

- Ease of installation and adjustment of enclosure components including:
 - PDUs
 - Front-to-rear cabling
 - Rails
 - Doors and side panels
 - Top panels
 - Enclosure reconfiguration (levelers and baying)
- Adequate room for cable loops on rack PDUs
- Having the right tools handy for installation
- Flexible, cost-effective vertical and horizontal cable management



RS Enclosure solution overview

- Multiple preconfigured options (server, networking, colocation)
- Sizes: 42U, 45U, 48U, 52U; 600 and 800 mm wide; 1000, 1100 and 1200 mm deep
- Robust frame: 3000 lbs. static loading
- Seamless PDU integration and multiple options for mounting PDUs
- Cost-effective and flexible cable management included in base design and with additional accessories
- Option for flat pack for global requirements



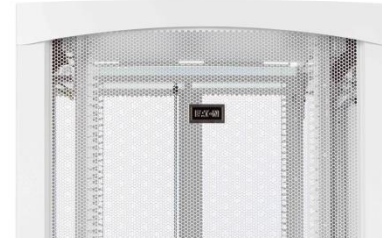
RS Enclosure features

- Modular configuration of enclosure components including:
 - Rail adjustment
 - Top panel changes
 - Cable management install
 - Door / side panel removal
 - PDU install



RS Enclosure: front doors

- Easy tool-less removal and replacement of doors
- Quick disconnect lanyard to support tool-less removal of doors
- Maximized perforation surface area
- High-flow perforation for maximum airflow
- High aesthetic look and feel
- Cost-effective design
- One door with multiple lock options
 - Swing handle, combo, HFID



High flow perforation



Quick disconnect lanyard

RS Enclosure: rear doors

- Lightweight, single sheet of metal design for each half
- Easy lift-off door
- 180°+ degree opening
- Quick disconnect lanyards
- Swing handle



RS Enclosure: rails

- Easy adjustment
- Markings on cross members to easily align rails
- Markings on front and rear of rail
- Air dam option to manage airflow



Air Dams



RS Enclosure: sides

- Identical split side panels
- Two versions with and without cableway
- Easy lift-off design with side latches and key lock
- Flush with frame; no added width



RS Enclosure: casters and levelers

- Easy access to levelers; isolation pad on levelers to minimize surface wear
- Caster base is movable and can leave gap with rear of frame to facilitate cabling and power

Leveler access
through frame



Movable caster
base



RS Enclosure: top panels

- Solid, with cableways (optional grommets) and brushes
- One-piece tops
- Install up or down; mates to rail in down configuration for air seal



Cable pass-thru top panel on network enclosure

RS Enclosure: seamless Eaton ePDU G3 integration

Easy install

- 1.) Open box
- 2.) Fasten ePDU mounting bracket
- 3.) Install ePDU

½ Height PDUs

- Additional tool-less brackets on the frame

Handles tall rack PDUs and large power connectors

- Clear top and bottom access

Multiple mounting options

- Can be mounted on either side in front or rear;
behind rails on 800 mm



RS Enclosure: Eaton UPS integration

- Robust static weight loading (3000 lbs) to handle heavier UPS loading
- Easy-to-adjust rails for UPS installation
- Perfect companion for G3 1U and 2U, 9PX UPS 2 and 3 kVA



RS Enclosure Pre-configured, application-specific options



Server

- Two versions – with and without sides
- Full range of sizes
- Includes rails, networking top, doors, casters
- Flush-mounted rails



Colocation

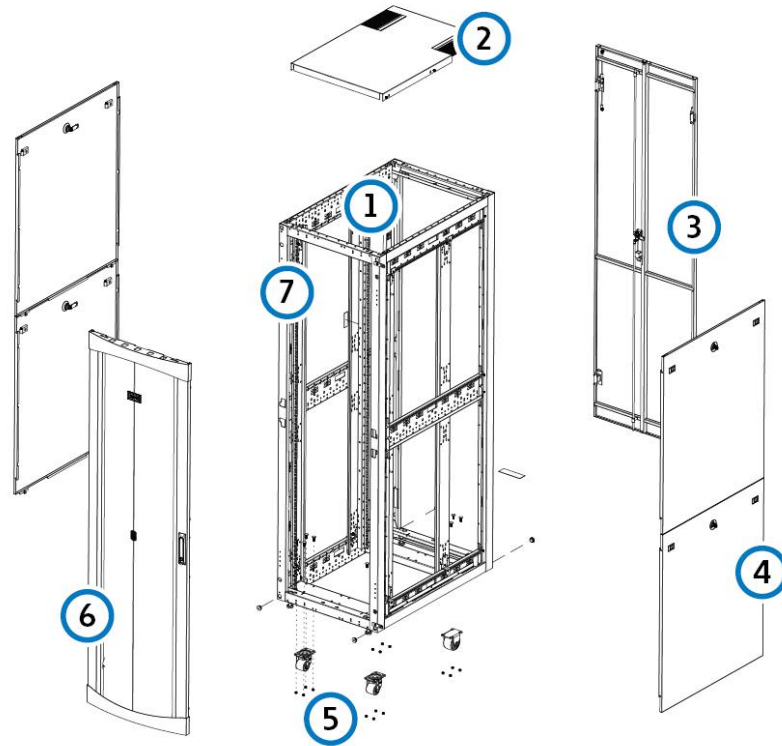
- Combo lock
- Sizes: H 42U/48U, W 600 & 800, D 1100 & 1200 mm
- Includes rails, networking top, doors, casters
- Flush-mounted rails



Network

- Vertical cable managers in front & rear
- Sizes: H 42U/45U/48U; W 600/800 mm; D 1100/1200 mm
- Includes rails, networking top, doors, casters

RS Enclosure: server configuration



1. PDU mounting brackets
2. Networking top cover with rear open access
3. Split high-flow door on rear
4. Locking side panels
5. Casters
6. Full-front high-flow door
7. Rails

Flexible easy and fast configuration



Rails



Side covers



ePDU mounting



Lift-off doors



Lift-off doors

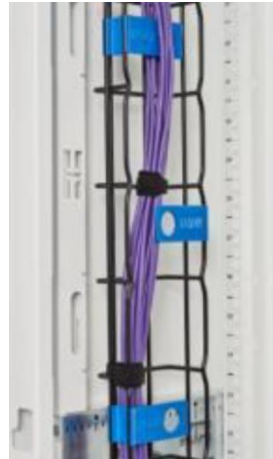


Flex tray mounting

Tool-less cable management



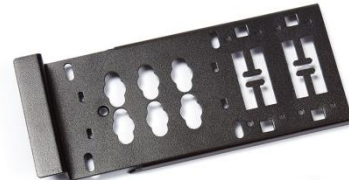
Vertical cable management



Flex tray



Overhead troughs



Cable management brackets



RS Enclosure: airflow management



High-flow doors and maximized surface area



Air dams



Brushes, grommets, vertical blanking



Blanking panels

RS Enclosure: security features

- Field changeable lock options:
 - Swing handle key lock
 - Swing handle combo lock
 - Swing handle HFID lock
- Side-to-side access options via cable pass through sides
- Sides come standard with locks



Combo lock



HFID lock



Keyed lock

For more information

[Eaton.com/RS](https://www.eaton.com/RS)

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