Eaton RP Series IT Rack
42U/48U

Main Features

- Unobstructed front, rear and top cable access, maximizes cabling flexibility for demanding network infrastructure
- Four 482mm (19 inch) EIA-310-E vertical mounting rails with U-markings
- Tool-less adjustable rail positioning reduces set up and refresh time
- 3 point rail mounting gives superior top to bottom rigidity
- Fast, easily removable doors, left or right hinge
- Split rear doors reduce space requirements on rack back side
- Top panel includes two 150mm wide cable openings allowing removable covers or brush strip options to accommodate all cabling requirements.
- Lockable, split side panels for quick and easy removal and re-installation for stand-alone and end of row racks
- Side dividers with cable pass-through holes for easy cable management between racks on multiple rack models
- Smart, attractive design with black RAL 9005 colour reflects high quality construction
- Designed to accommodate all Eaton enclosure PDUs, rack mounted UPSs
- Highly flexible accessory mounting options

All racks include

- Pre-installed grounding system, eliminating time and installation cost
- Pull handles with key locks; other handle types available upon request
- Starter kit including 20 x M6 cage nuts and screws, 20 x M5 accessory mounting screws
- Levelling feet
- Baying kit for multiple rack applications

RP Series rack with 2 installed Eaton ePDUs

Airflow Management

- Zero leakage around the front perimeter guides cool air to IT equipment, significantly increasing cooling efficiency and reducing energy costs
- High flow 75% open perforation doors maximizes airflow, increasing cooling effectiveness of the IT equipment
- Vertical air blanking panels with grommet-covered cable pass-thru on all 800mm wide models
- Extensive airflow management accessories available

Main Options & Accessories

- Side panels – aesthetic side cover includes security lock. Supplied in two sections for easy installation
- Sided dividers – separate bayed racks for security and airflow management without adding to rack footprint
- Rack top cable management – flexible distribution of power and network cables with simple installation
- Full selection of cable management accessories
- Blanking panels in a variety of sizes
- Casters – easily install and move rack
- Shelves

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Eaton RP Series IT Rack

TECHNICAL SPECIFICATIONS	42U 600x1000	42U 600x1200	42U 800x1000	42U 800x1200	48U 600x1000	48U 600x1200	48U 800x1000	48U 800x1200
Physical								
Equipment Mounting Height	42U	42U	42U	42U	48U	48U	48U	48U
Height	2043 mm	2043 mm	2043 mm	2043 mm	2310 mm	2310 mm	2310 mm	2310 mm
Height (with caster wheels)	2062 mm	2062 mm	2062 mm	2062 mm	2329 mm	2329 mm	2329 mm	2329 mm
Width (with side panels)	638 mm	638 mm	838 mm	838 mm	638 mm	638 mm	838 mm	838 mm
Width (without side panels)	600 mm	600 mm	800 mm	800 mm	600 mm	600 mm	800 mm	800 mm
Depth (with doors)	1057 mm	1257 mm	1057 mm	1257 mm	1057 mm	1257 mm	1057 mm	1257 mm
Depth (without doors)	1000 mm	1200 mm	1000 mm	1200 mm	1000 mm	1200 mm	1000 mm	1200 mm
Weight Capacity (static)	1000 kg	1000 kg	1000 kg	1000 kg	1000 kg	1000 kg	1000 kg	1000 kg
Maximum Rail Mounting Depth	860 mm	1060 mm	860 mm	1060 mm	860 mm	1060 mm	860 mm	1060 mm
Rail Mounting Width	483 mm (19 inch)							
Colour	Black, RAL 9005							
Metal Thickness								
Frame	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm
Front Door	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm
Rear Door	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm
Roof	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm
EIA Mounting Rail, 9.5mm square holes	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm	2.0 mm
Side Panel	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm
Side Divider	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm
Airflow								
Open Perforation	75%	75%	75%	75%	75%	75%	75%	75%
Front Door Grill Free Area	6882 sqcm	6882 sqcm	10289 sqcm	10289 sqcm	7960 sqcm	7960 sqcm	11897 sqcm	11897 sqcm
Rear Door Grill Free Area	6165 sqcm	6165 sqcm	9563 sqcm	9563 sqcm	7111 sqcm	7111 sqcm	11058 sqcm	11058 sqcm
Shipping								
Shipping Width	780 mm	780 mm	900 mm	900 mm	780 mm	780 mm	900 mm	900 mm
Shipping Depth	1200 mm	1540 mm	1200 mm	1540 mm	1200 mm	1540 mm	1200 mm	1540 mm
Shipping Height	2250 mm	2250 mm	2250 mm	2250 mm	2420 mm	2420 mm	2420 mm	2420 mm
Shipping Weight	170 kg	190 kg	206 kg	224 kg	185 kg	205 kg	221 kg	239 kg
Conformance								
Regulatory Approvals	IEC/EN 60950							
Standards	EIA-310-E							
Protection Class	IP20 (when configured with Side Panels and top cover plate options)							
Enclosure Power Distribution mounting (ePDU)								
Zero U Frame mount, rear	Qty 4 PDUs, 1700mm high x 55mm wide				Qty 4 PDUs, 1966mm high x 55mm wide			
Zero U mount with extention bracket	Qty 4 PDUs, 1870mm high x 88mm wide				Qty 4 PDUs, 2136mm high x 88mm wide			
Mounting options	Key hole, M5 screw, EIA Mouting Rail (multiple options)							
Customer Service and Support								
Warranty	Two-year warranty							

Due to continous product improvement programs, specifications are subject to change without notice.