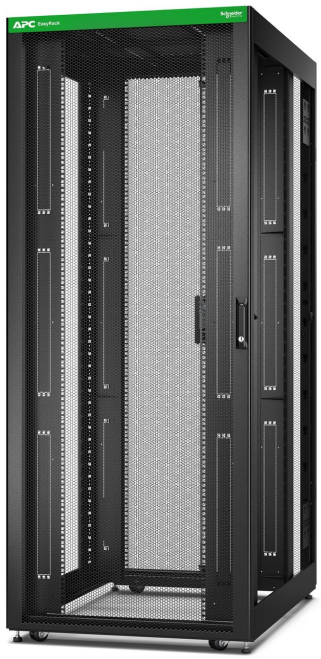
TECHNICAL DATASHEET

APC · SERVER RACKS

APC Easy Rack 42U 800 mm × 1200 mm rack cabinet, with bottom, no side panels, black

42U Easy Rack, 800 × 1200 × 1991 mm, 1199.8 kg static load

SKU ER8220 | 42U | APC



HEIGHT IN U	EXTERNAL DIMENSIONS	MANUFACTURER	PRICE
42U	1991 × 800 × 1200 mm	APC by Schneider Electric	On request

ISO 9001 · ISO 14001 · ISO 27001 · cisco · tp-link · Omada by tp-link

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01 Product overview

The APC ER8220 is part of the Easy Rack range, Schneider Electric's straightforward, value-oriented IT enclosures for server rooms, IT closets and edge sites. It offers 42U of EIA-310 19-inch mounting space in a 800 mm wide, 1200 mm deep cabinet with an external height of 1991 mm; the 800 mm width also allows up to 16 1U vertical knockout panels between the front and rear rails for patch panels or small devices.

Load ratings are 1199.8 kg static and 599.6 kg dynamic, and the adjustable mounting rails accept equipment from 241.6 mm up to 1041.4 mm deep. Four rear accessory brackets come pre-installed for toolless mounting of full-height vertical rack PDUs; additional brackets or accessory channels can be added later.

Ventilation is handled by a removable, reversible single front door and split rear doors with up to 81% hexagonal perforation. The multi-functional roof has brush-strip openings for cabling and is compatible with APC overhead cable troughs. Roof and doors are bonded to the frame, with extra external grounding points front and rear. This version comes with a bottom plate but without side panels, for bayed rows or where panels are fitted separately.

Casters, levelling feet and keys are included and the rack ships pre-assembled. Easy Rack is listed to UL 2416, follows EIA-310-E and carries a 5-year warranty.

KEY SPECIFICATIONS

Manufacturer	**APC by Schneider Electric**
Model	**ER8220**
Series	**Easy Rack**
EAN	**0731304433286**
Height in U	**42U**
External dimensions (H × W × D)	**1991 × 800 × 1200 mm**
Usable equipment depth	**241.6–1041.4 mm**
Unit weight	**107 kg**
Mounting rails	**19" EIA-310 mounting rails**
0U accessory mounting	**4 pre-installed rear accessory brackets (toolless PDU mounting)**
Vertical patching	**Up to 16 × 1U vertical knockout panels**
Static load rating	**1199.8 kg**

HIGHLIGHTS

- 42U EIA-310 19" space, 800 × 1200 mm footprint, 1991 mm tall
- 1199.8 kg static / 599.6 kg dynamic load
- Equipment depth 241.6–1041.4 mm, 4 pre-installed rear PDU brackets
- Vented front door and split rear doors, up to 81% perforation
- Bottom plate included, side panels optional, integrated grounding
- Casters and levelling feet, 5-year warranty

02 Full specifications

GENERAL	
Manufacturer	APC by Schneider Electric
Model	ER8220
Series	Easy Rack
EAN	0731304433286

DIMENSIONS	
Height in U	42U
External dimensions (H × W × D)	1991 × 800 × 1200 mm
Usable equipment depth	241.6–1041.4 mm
Unit weight	107 kg

MOUNTING

Mounting rails	19" EIA-310 mounting rails
0U accessory mounting	4 pre-installed rear accessory brackets (toolless PDU mounting)
Vertical patching	Up to 16 × 1U vertical knockout panels

LOAD

Static load rating	1199.8 kg
Dynamic load rating	599.6 kg

DOORS & PANELS

Front door	Single vented door, removable and reversible
Rear door	Split vented doors
Door perforation	Up to 81%, hexagonal pattern
Side panels	Not included

CONSTRUCTION

Bottom plate	Included
Cable entry	Roof openings with brush strips
Grounding	Roof, side panels and doors grounded to frame; external grounding points front and rear
Casters / feet	Pre-installed casters and levelling feet
Assembly	Pre-assembled
Colour	Black
Material	Steel; 18 gauge front door, 19 gauge rear door, 16 gauge post, 14 gauge EIA mounting rail

COMPLIANCE

Standards	UL 2416, UL 60950-1, EIA-310E

PACKAGE

Package contents	Baying hardware, Key(s), Doors, Leveling feet, Mounting hardware, Pre-installed casters

WARRANTY

Warranty	60 months (5 years)

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