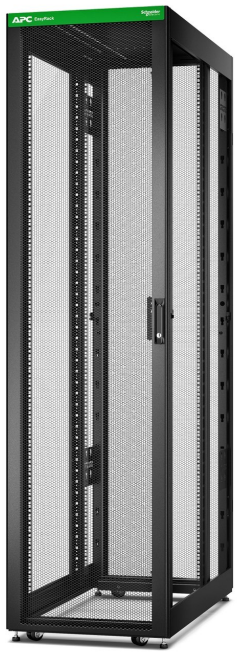
TECHNICAL DATASHEET

APC · SERVER RACKS

# APC Easy Rack 48U 600 mm × 1200 mm rack cabinet, with bottom, no side panels, black

48U Easy Rack, 600 × 1200 × 2258 mm, 1199.8 kg static load

SKU ER6820 | 48U | APC



| HEIGHT IN U | EXTERNAL DIMENSIONS | MANUFACTURER | PRICE |
|---|---|---|---|
| 48U | 2258 × 600 × 1200 mm | APC by Schneider Electric | On request |

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## 01 Product overview

The APC ER6820 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 48U of EIA-310 19-inch mounting space in a 600 mm wide, 1200 mm deep cabinet with an external height of 2258 mm.

Load ratings are 1199.8 kg static and 599.6 kg dynamic, and the adjustable mounting rails accept equipment from 190.5 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 | **ER6820** |
| Series | **Easy Rack** |
| EAN | **0731304433293** |
| Height in U | **48U** |
| External dimensions (H × W × D) | **2258 × 600 × 1200 mm** |
| Usable equipment depth | **190.5–1041.4 mm** |
| Unit weight | **90 kg** |
| Mounting rails | **19" EIA-310 mounting rails** |
| 0U accessory mounting | **4 pre-installed rear accessory brackets (toolless PDU mounting)** |
| Static load rating | **1199.8 kg** |
| Dynamic load rating | **599.6 kg** |

### HIGHLIGHTS

- 48U EIA-310 19" space, 600 × 1200 mm footprint, 2258 mm tall
- 1199.8 kg static / 599.6 kg dynamic load
- Equipment depth 190.5–1041.4 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 | ER6820 |
| Series | Easy Rack |
| EAN | 0731304433293 |

| DIMENSIONS | |
|---|---|
| Height in U | 48U |
| External dimensions (H × W × D) | 2258 × 600 × 1200 mm |
| Usable equipment depth | 190.5–1041.4 mm |
| Unit weight | 90 kg |

## MOUNTING

| | |
|---|---|
| Mounting rails | 19" EIA-310 mounting rails |
| 0U accessory mounting | 4 pre-installed rear accessory brackets (toolless PDU mounting) |

## 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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