

Environ ER600 29U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pac...

Part Code: 542-2966-WDBN-GW-FP

sales@excel-networking.com
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Main Features

- / Choice of doors, depths and colours available
- / Large cut out in base for cable entry
- / 70% ventilation on all doors
- / 19" profiles marked with U height position
- / Brush strip cable entry in roof and base of rack
- / Racks supplied assembled or flat packed

Product Overview

Environ ER600 Equipment Racks are a versatile range of 600 mm wide racks with features suitable for a wide range of applications within the data, security, audio visual and telecommunications markets.

Product Specifications

| Feature | Values |
|---------|--------|
|---------|--------|

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| Mounting Profile | Front and rear |
| Type of profile rail | L-shaped |
| Number of doors | 2 |
| Type of ventilation | Passive |
| Width | 600 mm |
| Height | 1490 mm |
| Depth | 600 mm |
| Modular spacing | 19 inch |
| Number of rack units (RU) | 29 |
| Max. load capacity | 800 kg |
| With roof plate | yes |
| With earthing | yes |
| With front door | yes |
| Front door material | Steel |
| Front door locking system | One point |
| With rear door | yes |
| Rear door material | Steel |
| Rear door locking system | Two-point |
| Side panels included | yes |
| With vertical cable management | no |
| Material | Steel |
| Type of surface | Powder coated |
| Colour | Grey White |
| RAL-number | 9002 |
| Flat-packed | yes |

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| IP-rating | IP20 |
| Application | Equipment Rack |

Additional specifications

| Specifications | Values |
|--------------------------------|--------------------------|
| Material | SPCC Cold Rolled Steel |
| 19" Rails | 2.0 mm thick |
| Side Panels | 1.0 mm thick |
| Other | 1.2 mm thick |
| Front door | Handle cam lock |
| Rear door | Handle cam lock |
| Side panels lock | Single point barrel lock |
| Jacking feet additional height | 50-80 mm |
| Castors additional height | 70 mm |

Standards

| Standard | Detail |
|------------------------|---|
| ANSI/EIA-310-E | Electronic Industries Association standard for horizontal spacing, vertical hole spacing, rack opening and front panel width |
| BS EN 60297-3-100:2009 | Mechanical structures for electronic equipment. Dimensions of mechanical structures of the 482,6 mm (19 in) series. Basic dimensions of front panels, subracks, chassis, racks and cabinets |

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| DIN 41494 Part 1 & 7 | Panel Mounting Racks For Electronics Equipments; Racks And Panels, Dimensions; Dimensions of cabinets and suites of racks |
| Directive 2011/65/EU (RoHS II) | Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states). |
| Directive (EU) 2015/863 (RoHS III) | Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant. |
| Directive 2008/98/EC (WFD) | Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988). |
| ECHA SCIP Database | Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH. |
| Regulation (EU) 2019/1021 (POPs) | EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355). |
| UK SI 2012 No. 3032 | The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019. |

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Product images



Four-way brush entry roof panel



Quick-slam latch side panels



Swing handle wave vented front door



Wardrobe vented rear doors



Large base entry



U height profile markings

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Product drawings



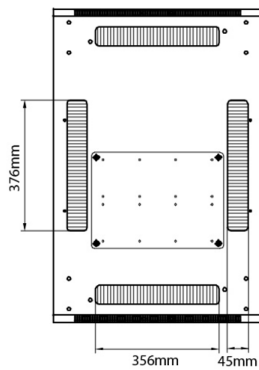
Front



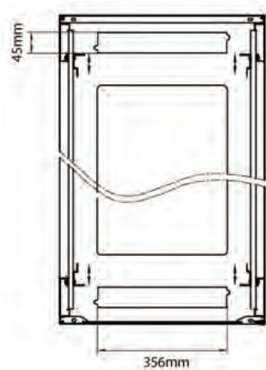
Side



Rear



Roof



Base

Base Cut Out Dimensions

380 mm Wide
by
276 mm Deep (600 mm deep rack)
476 mm Deep (800 mm deep rack)
676 mm Deep (1000 mm deep rack)

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Exploded view



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Part Code Table

| Part Code | Description |
|----------------------|---|
| 542-29610-WDBN-BK | Environ ER600 29U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black |
| 542-29610-WDBN-BK-FP | Environ ER600 29U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack |
| 542-29610-WDBN-GW | Environ ER600 29U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White |
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| 542-2966-WDBN-GW-FP | Environ ER600 29U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack |
| 542-2968-WDBN-BK | Environ ER600 29U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black |
| 542-2968-WDBN-BK-FP | Environ ER600 29U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack |
| 542-2968-WDBN-GW | Environ ER600 29U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White |
| 542-2968-WDBN-GW-FP | Environ ER600 29U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack |
| 542-42610-WDBN-BK | Environ ER600 42U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black |
| 542-42610-WDBN-BK-FP | Environ ER600 42U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack |

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| 542-42610-WDBN-GW | Environ ER600 42U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White |
| 542-42610-WDBN-GW-FP | Environ ER600 42U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack |
| 542-4266-WDBN-BK | Environ ER600 42U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black |
| 542-4266-WDBN-BK-FP | Environ ER600 42U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack |
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| 542-4266-WDBN-GW-FP | Environ ER600 42U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack |
| 542-4268-WDBN-BK | Environ ER600 42U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black |
| 542-4268-WDBN-BK-FP | Environ ER600 42U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack |
| 542-4268-WDBN-GW | Environ ER600 42U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White |
| 542-4268-WDBN-GW-FP | Environ ER600 42U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack |
| 542-47610-WDBN-BK | Environ ER600 47U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black |
| 542-47610-WDBN-BK-FP | Environ ER600 47U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack |
| 542-47610-WDBN-GW | Environ ER600 47U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White |
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No/Mgmt Grey White

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| 542-4768-WDBN-BK | Environ ER600 47U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black |
| 542-4768-WDBN-BK-FP | Environ ER600 47U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack |
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