

Environ ER800 47U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White

Part Code: 542-47810-WDBF-GW

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 ER800 Equipment Racks are a versatile range of 800 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 | 800 mm |
| Height | 2207 mm |
| Depth | 1000 mm |
| Modular spacing | 19 inch |
| Number of rack units (RU) | 47 |
| 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 | yes |
| Material | Steel |
| Type of surface | Powder coated |
| Colour | Grey White |
| RAL-number | 9002 |
| Flat-packed | no |

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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



High-density vertical cable management

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Product drawings



Base Cut Out Dimensions

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

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Part Code Table

| Part Code | Description |
|----------------------|--|
| 542-24810-WDBF-BK | Environ ER800 24U Rack 800x1000 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-2488-WDBF-BK | Environ ER800 24U Rack 800x800 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-29810-WDBF-BK | Environ ER800 29U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-29810-WDBF-BK-FP | Environ ER800 29U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
| 542-29810-WDBF-GW | Environ ER800 29U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
| 542-29810-WDBF-GW-FP | Environ ER800 29U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-2986-WDBF-BK | Environ ER800 29U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-2986-WDBF-BK-FP | Environ ER800 29U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
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| 542-2986-WDBF-GW-FP | Environ ER800 29U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-2988-WDBF-BK | Environ ER800 29U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
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| 542-33810-WDBF-BK | Environ ER800 33U Rack 800x1000 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-3388-WDBF-BK | Environ ER800 33U Rack 800x800 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-42810-WDBF-BK | Environ ER800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-42810-WDBF-BK-FP | Excel Environ ER800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
| 542-42810-WDBF-GW | Environ ER800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
| 542-42810-WDBF-GW-FP | Environ ER800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-4286-WDBF-BK | Environ ER800 42U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-4286-WDBF-BK-FP | Environ ER800 42U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
| 542-4286-WDBF-GW | Environ ER800 42U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
| 542-4286-WDBF-GW-FP | Environ ER800 42U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-4288-WDBF-BK | Environ ER800 42U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-4288-WDBF-BK-FP | Environ ER800 42U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
| 542-4288-WDBF-GW | Environ ER800 42U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
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F/Mgmt Grey White

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| 542-4786-WDBF-BK | Environ ER800 47U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-4786-WDBF-BK-FP | Environ ER800 47U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
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