

Environ ER600 47U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black

Part Code: 542-4768-WDBN-BK

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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	2207 mm
Depth	800 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	no
Material	Steel
Type of surface	Powder coated
Colour	Black
RAL-number	9004
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



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
542-29610-WDBN-GW-FP	Environ ER600 29U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack
542-2966-WDBN-BK	Environ ER600 29U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black
542-2966-WDBN-BK-FP	Environ ER600 29U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack
542-2966-WDBN-GW	Environ ER600 29U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White
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
542-4266-WDBN-GW	Environ ER600 42U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White
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
542-47610-WDBN-GW-FP	Environ ER600 47U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack
542-4766-WDBN-BK	Environ ER600 47U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black
542-4766-WDBN-BK-FP	Environ ER600 47U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack
542-4766-WDBN-GW	Environ ER600 47U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels

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No/Mgmt Grey White

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