

# Rittal – The System.

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## IT 7100.120 OCP ORV3 rack

State: 7/07/2026 (Source: [rittal.com/uk-en](http://rittal.com/uk-en))

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FRIEDHELM LOH GROUP



# IT 7100.120 - OCP ORV3 rack

OCP is an ambitious international community that aims to simplify and optimise IT infrastructure. The Rittal OCP ORV3 rack is OCP accepted and ready for immediate use. Simple modifications and enhancements can be made as and when required, thanks to the range of accessories. The OCP ORV3 rack can also accommodate a Direct Liquid Cooling (DLC) solution. Take your efficiency and performance density to a whole new level with this rack.



## Features

|                |  |
|----------------|--|
| Model No.      | IT 7100.120  |
| Design         | Open frame with busbar<br>Prepared for cable entry in roof and base<br>Cable routing at the front, across the full height  |
| Benefits       | Prepared to accommodate 21" OCP components and direct contact on the busbar<br>Rapid construction and service thanks to click-in fitting of the IT and IT OCP Power rail system<br>End-to-end cable management in front rack over full height<br>Ideal for high-performance computing and AI technology thanks to being ready for Direct Liquid Cooling solutions that are designed to dissipate the thermal load generated in the rack<br>Integrated heavy-duty castors make transportation easier and ensure ease of handling in the data centre |
| Material       | Sheet steel  |
| Surface finish | Dipcoat-primed, powder-coated on the outside   |
| Colour         | RAL 9005   |

# Features

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|                         |  |
|-------------------------|--|
| Supply includes         | OCP ORV3 rack<br>OCP busbar for max. 48 DC/18 kW<br>2 bracing struts, pre-assembled<br>Levelling feet, pre-assembled<br>4 castors (freely rotating)<br>Baying seal<br>Air baffle plate |
| Dimensions              | Width: 600 mm<br>Height: 2,286 mm<br>Depth: 1,068 mm   |
| Units                   | 44 OU  |
| Load capacity           | 14,000 N   |
| Basic material          | Sheet steel  |
| Power consumption       | 18 kW  |
| Rated operating voltage | 48 V DC  |
| Packs of                | 1 pc(s).   |
| Net weight              | 172 kg   |
| Gross weight            | 200 kg   |
| Customs tariff number   | 94032080   |
| ETIM 9                  | EC002499   |
| ETIM 8                  | EC002499   |
| ECLASS 8.0              | 27180207   |
| Product description     | OCP ORV3 rack, with busbar, 44 OU, WxHxD: 600 x 2286 x 1068 mm, RAL 9005   |

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# Approvals

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|              |                              |
|--------------|------------------------------|
| Approvals    | IEC CB<br>UL + C-UL (listed) |
| Explanations | Declaration of conformity    |

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## Tender text

Rittal OCP ORV3 Rack, Article 7100.120.

Compliant with OCP Standard V3 for HPC and AI systems.

Open frame design with integrated 48V DC busbar, rated power max. 18 kW.

Optimized for 21" OCP components with direct contacting on the busbar.

Click-in assembly of the IT and IT OCP Power rail system.

DLC-ready for efficient thermal load dissipation at high power density.

Dimensions W600 x H2286 x D1068 mm, 44 OU capacity.

Load capacity up to 1400 kg, integrated heavy-duty castors.

Material: Sheet steel, powder-coated, color RAL9005.

Includes busbar, bracing struts, levelling feet, castors, baying seal.

Compliance: IEC CB, UL + C-UL listed, declaration of conformity.