

ROS 2501 - 001

DATA SHEET

DATA
CENTRE
SOLUTION

OCP ORV3

OCP Racks
Solution with
Busbar



ROS 2501 - 001

Open. Optimized. Future-ready.

Deliver next-generation IT infrastructure built on OCP Open Rack Version 3 (ORV3) — now available without an integrated busbar.

The Open Compute Project (OCP) unites global technology leaders with a shared objective of advancing open infrastructure that is more energy-efficient, highly scalable, and environmentally responsible. Supporting this industry movement, OCP-compliant ORV3 rack architecture is designed to enable flexible, modular, and sustainable data center deployments, including configurations without a built-in busbar to suit diverse power distribution requirements.

Features

Model No.	ROS 2501 - 001
Design	Open frame with busbar & Open frame without busbar
Product Description	This advanced rack platform allows you to tailor your power architecture with complete flexibility for your infrastructure design. Choose the busbar configuration that best fits your needs—supporting capacities of up to 120 kW—and customize the system to precisely match your operational and deployment requirements.
Material	Sheet Steel
Surface finish	Primed, Powder Coated (can be customized)
Colour	RAL 9005 (can be customized)



Supply includes	OCP ORV3 Rack Preinstalled heavy-duty casters Levelling feet, pre-assembled (Add-ons available and completely customizable)
Dimensions	Width: 600 mm Height: 2,286 mm Depth: 1,068 mm
Units	44 OU
Load Capacity	14,000 N
Surface finish	Primed, Powder Coated (can be customized)
Basic Material	Sheet steel

Benefits

- Modular architecture enabling flexible and incremental capacity expansion
- Multiple busbar options to match varying rack power densities
- Supports upgrades and retrofitting without the need to replace the complete rack system
- Scalable modular design optimized for AI and high-performance computing workloads
- Hot-swappable rack components to simplify servicing and reduce maintenance time
- Compatible with direct-to-chip liquid cooling solutions for advanced thermal management
- Rapid installation enabled through integrated castors, airflow baffle panels, and adjustable leveling feet
- A comprehensive accessory portfolio including IT and power mounting rails, 482.6 mm (19") adapters, doors, and side panels

