

SERVER RACK ENCLOSURES

# HR Series Overview & Selection Guide

The HR Series offers enterprise-grade server rack enclosures in four height options with flexible width and depth configurations. Engineered for demanding data center environments.

## SERIES FEATURES

- Four Height Options**  
42U, 45U, 48U, and 52U to match your density requirements
- Flexible Dimensions**  
600mm or 800mm width, 1100mm or 1200mm depth
- Heavy-Duty Construction**  
1,500kg static load capacity across all models
- Optimized Airflow**  
72% perforated doors front and rear
- Cable Management**  
Zero-U vertical channels, 2,000+ cable capacity
- Secure Access**  
Keyed-alike locking on all doors and panels



### CONFIGURATION OPTIONS

HEIGHTS 42U / 45U / 48U / 52U	WIDTHS 600mm / 800mm
DEPTHS 1100mm / 1200mm	TOTAL SKUS 16 Configurations

Model Comparison

Specification	HR-42	HR-45	HR-48	HR-52
Rack Units	42U	45U	48U	52U
External Height	2040 mm	2175 mm	2307 mm	2486 mm
External Height (in)	80.3"	85.6"	90.8"	97.9"
Width Options	600 / 800 mm			
Depth Options	1100 / 1200 mm			
Static Load	1,500 kg	1,500 kg	1,500 kg	1,500 kg
Dynamic Load	1,135 kg	1,135 kg	1,135 kg	1,135 kg
Door Perforation	72%	72%	72%	72%

PART NUMBER STRUCTURE



HR = Series

42/45/48/52 = RU Height

6/8 = Width (600/800mm)

11/12 = Depth (1100/1200mm)

Selection Guide

- 42U** — Standard data centers, most common height, fits under 7' ceilings
- 45U** — Extended capacity, networking-heavy deployments
- 48U** — High-density compute, hyperconverged infrastructure
- 52U** — Maximum density, hyperscale, colocation environments
- 600mm width** — Standard 19" equipment
- 800mm width** — Extra cable space, side-mount PDUs

Need Help Selecting?

Our solutions team can help you choose the right configuration for your deployment. Custom colors, branding, and modifications available.

**Standards Compliance:** EIA-310-E rack standards • UL 2416 safety certification • RoHS 2011/65/EU • REACH EC 1907/2006 • CE Marking

**Note:** All models include: perforated locking doors (front & split rear), side panels, mounting rails, PDU brackets, leveling feet, casters, cage nuts, and hardware.