

DATA SHEET



B-Series Pre-Configured Cabinets

Pre-configured cabinet solutions for Servers, Networking & Storage

OVERVIEW

B-Series equipment cabinets are fully modular and pre-configured, making them the ideal foundation to keep pace with continually evolving data center environments. The B-Series equipment cabinets provide an adaptable, robust platform to manage ever-changing hardware, power, cabling, and thermal issues associated with new technologies. Full radius edges on top and bottom of B-Series frames protect cables from damage while providing safe, direct cable pathways into the cabinets. The internal and external cable management were designed with flexibility in mind, including overhead cable ladder Unistrut® interface kits. Finally, the single-digit part number simplifies the ordering process and enables easy scalability.

FEATURES

- 3,000 lbs static load; 2,250 lbs rolling load
- Ships completely configured
- High, open area doors for improved thermal performance
- ASCE 7 Seismic tested for IBC
- 12 and 14 gauge fully-welded, cold-rolled steel
- 0.375" square hole EIA angles

PRE-CONFIGURED CABINETS INCLUDE

- Frame
- Full width, front mesh door and split, mesh rear door
- Casters and levelers
- Side panels (add-on units have no sides)
- Top panel
- (1) Double-wide, PDU mount lacing bar
- (2) Sets of square hole mounting rails

LISTING AGENCIES/THIRD PARTY CERTIFICATIONS

- RoHS: Yes
- UL 2416 Listed: Yes
- Buy American Act Compliant: Yes

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SPECIFICATIONS: B-Series Pre-Configured Cabinets

24" WIDE SERVER CABINETS INCLUDE

- Frame with levelers and caster kit
- (2) Pairs of RU labeled equipment mounting rails with 0.375" square holes
- Mounting rail spacing at 30"
- Full width, front mesh door
- Split, mesh rear door
- Full depth, solid top panel with (4) cable grommets
- (1) Double-wide, PDU mount lacing bar
- Locking side panels, both sides (add-on units have no sides)
- Rack unit cage nuts, #10-32 thread (package of 50)
- Panel screws, #10-32 (package of 50)
- Color is black or white

30" WIDE NETWORK CABINETS INCLUDE

- Frame with levelers and caster kit
- (2) Pairs of RU labeled equipment mounting rails with 0.375" square holes
- Mounting rail spacing at 16.25"
- Full width, front mesh door
- Split, mesh rear door
- Full depth, solid top panel with (4) cable grommets
- (1) Double-wide, PDU mount lacing bar
- Locking side panels, both sides (add-on units have no sides)
- Rack unit cage nuts, #10-32 thread (package of 50)
- Panel screws, #10-32 (package of 50)
- Color is black or white

PRE-CONFIGURED WITH SIDES

Rack Units	Overall Height	Overall Depth	Part Number (24" W)	Part Number (30" W)
24U	49.70"	44.00"	BC-242442-A1-#	BC-243042-A1-#
	49.70"	50.00"	BC-242448-A1-#	BC-243048-A1-#
42U	81.20"	44.00"	BC-422442-A1-#	BC-423042-A1-#
	81.20"	50.00"	BC-422448-A1-#	BC-423048-A1-#
45U	86.50"	44.00"	BC-452442-A1-#	BC-453042-A1-#
	86.50"	50.00"	BC-452448-A1-#	BC-453048-A1-#
48U	91.70"	44.00"	BC-482442-A1-#	BC-483042-A1-#
	91.70"	50.00"	BC-482448-A1-#	BC-483048-A1-#
50U	95.20"	44.00"	BC-502442-A1-#	BC-503042-A1-#
	95.20"	50.00"	BC-502448-A1-#	BC-503048-A1-#

Note: Replace # in part number to designate color: 1 = White; 2 = Black

PRE-CONFIGURED – ADD-ON / WITHOUT SIDES

Rack Units	Overall Height	Overall Depth	Part Number (24" W)	Part Number (30" W)
42U	81.20"	44.00"	BC-422442-N1-#	BC-423042-N1-#
	81.20"	50.00"	BC-422448-N1-#	BC-423048-N1-#
45U	86.50"	44.00"	BC-452442-N1-#	BC-453042-N1-#
	86.50"	50.00"	BC-452448-N1-#	BC-453048-N1-#
48U	91.70"	44.00"	BC-482442-N1-#	BC-483042-N1-#
	91.70"	50.00"	BC-482448-N1-#	BC-483048-N1-#
50U	95.20"	44.00"	BC-502442-N1-#	BC-503042-N1-#
	95.20"	50.00"	BC-502448-N1-#	BC-503048-N1-#

Note: Replace # in part number to designate color: 1 = White; 2 = Black



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