



## **Cabinet & Enclosure Systems**



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## Z4-Series SeismicFrame® Cabinet System F-Series TeraFrame® Gen 3 Cabinet F-Series TeraFrame® HD Cabinet N-Series TeraFrame® Gen 3 Cabinet GF-Series GlobalFrame® Gen 2 Cabinet MegaFrame<sup>®</sup> & SlimFrame<sup>®</sup> Cabinet Applications: Applications: Applications: Applications: Applications: Applications: Safe transportation of up to 3,000 lb Stores servers in multi-tenant and Stores network switches in multi-Industry-standard cabinet for Secure and protect critical servers General purpose cabinets for sites (1360 kg) of pre-installed equipment to located in seismically active areas enterprise data centers, computer tenant and enterprise data centers. computer and equipment rooms with limited or difficult access rooms and network facilities a data center computer rooms and network facilities **Key Features: Key Features: Key Features: Key Features: Key Features:** Kev Features: · International metric footprint · International metric footprint International metric footprint International metric footprint International metric footprint Can be delivered partially assembled Wide range of sizes exactly match • Two configurations support front-to- Wide range of sizes exactly match Industry-standard sizes match most • Multiple sizes to match site Lightweight aluminum construction site requirements rear and front-to-top airflow site requirements popular applications requirements • SlimFrame is 24" (610 mm) wide to • Two configurations support front-to- Supports internal baffles to control · Ships on a shock pallet with a • Engineered solution designed for • Industry-leading 1,500 lb (680 kg) match access floor tiles in the United front-to-rear or front-to-top airflow rear or front-to-top airflow reusable carton high-density network and storage seismic equipment load States switches and cabling • Wide range of thermal, cable and Allows a factory integrator to install Select models ship on a shock pallet Simplified installation only requires • MegaFrame is wider to provide extra equipment and cabling prior to • Frame design provides maximum power management accessories for reshipping with equipment floor anchorage, eliminating the space for cables flexibility for mounting equipment delivery to the data center installed requirement for costly engineering · Configures and ships with Seismic-rated and co-location models and accessories calculations for external bracing accessories installed · Supports quick deployment of Adjustable mounting rails also available equipment into the data center A universal solution for side airflow Wide range of thermal and cable · Adjustable mounting rails Marked and numbered rack-mount Adjustable mounting rails switches that provides complete management accessories Adjustable mounting rails spaces (U) • Marked and numbered rack-mount • Marked and numbered rack-mount separation of hot and cold air within Includes transport casters for moving · Marked and numbered rack-mount spaces (U) • 60 frame sizes spaces (U) the cabinet spaces (U) cabinets into place Choice of 6-slide or 4-slide frame • UL Listed to NWIN 2416 requirements 30 frame sizes Order pre-configured for front-to-· Adjustable mounting rails 6 frame sizes • 561 frame sizes • UL Listed to NWIN (MegaFrame) rear, front-to-top, side-to-rear or Height (4): Marked and numbered rack-mount side-to-top airflow • UL Listed to NWIN 2416 requirements • 79.4" (2016 mm), 42U spaces (U) Adjustable mounting rails Height (3): • 84.6" (2149 mm), 45U Height (3): • 8 frame sizes Height (11): Marked and numbered rack-mount • 72" (1830 mm), 38U/37U • 89.9" (2282 mm), 48U • 82.5" (2096 mm), 42U UL Listed to NWIN 2416 requirements • 79.4" (2016 mm), 42U to 96.9" (2460 • 96.9" (2460 mm), 52U • 78" (1980 mm), 42U/40U spaces (U) • 87.7" (2228 mm), 45U mm), 52U, in 1U increments California OSHPD OPM-0112-13 Height includes casters. • 84" (2130 mm), 45U/43U • 91.2" (2316 mm), 47U • 198 frame sizes Height includes casters Casters not included Height includes casters. • UL Listed to NWIN 2416 requirements Width (4): Height (2): Width (3): • 23.6" (600 mm), 19"EIA Height (11): • 78.7" (1999 mm), 40U Width (3): • 27.6" (700 mm), 19"EIA • 23.6" (600 mm), 19" EIA Width (1): • 78.1" (1984 mm), 42U to 95.6" • 83.9" (2132 mm), 43U • 27.3" (694 mm), 19"EIA • 27.5" (700 mm), 19" EIA • 23.6" (600 mm), 19" EIA • 29.5" (750 mm), 19"EIA (2429 mm), 52U, in 1U increments Height includes casters. • 31.3" (796 mm), 23" or 19" EIA • 31.5" (800 mm), 19" EIA Height includes casters. • 31.5" (800 mm), 19"EIA • 24" (610 mm), 19" EIA Width (2): Width (3): Depth (5): Depth (17): • 23.6" (600 mm), 19" EIA Depth (2): • 31.5" (800 mm), 19" EIA • 35.4" (900 mm) • 47.3" (1200 mm) Depth (5): • 35.4" (900 mm) to 51.2" (1300 mm) • 46.1"D (1172 mm) or 51.0"D (1297 mm) • 31.5" (800 mm), 19" EIA • 40.0" (1016 mm), 19" EIA • 27.6" (702 mm) • 33.6" (854 mm) • 43.3" (1100 mm) • 51.2" (1300 mm) In .98" (25 mm) Increments, includes doors • 39.6" (1006 mm) • 42.6" (1083 mm) • 45.3" (1150 mm) Depth (2): Depth (9): Depth includes doors. • 25.5" (648 mm) Equipment Load Bearing Capacity: • 43.3" (1100 mm) to 51.2" (1300 mm) • 45.1" (1146 mm) • 51.1" (1296 mm) **Equipment Load Bearing Capacity:** • 3,000 lb (1360 kg) static **Equipment Load Bearing Capacity:** Depth includes doors. Depth includes doors. In 98" (25 mm) Increments includes doors • 3,000 lb (1360 kg), 6-slide static • 3,000 lb (1360 kg) static • 3,000 lb (1360 kg) rolling • 2,250 lb (1020 kg), 6-slide rolling Equipment Load Bearing Capacity: **Equipment Load Bearing Capacity: Equipment Load Bearing Capacity:** • 3,000 lb (1360 kg) shipping 2,250 lb (1020 kg) rolling Load for 4-slide model is less. • 2,500 lb (1134 kg), static load on • 1,500 lb (680 kg) seismic equipment • 2.000 lb (907.2 kg) static • 2,000 lb (907.2 kg) shipping leveling feet hen Construction: Construction: **Construction:** Construction: Construction: Construction: · Welded and bolted, steel and · Bolted, aluminum · Welded and bolted, steel

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					NegaFrame" Cabinet
F-Series TeraFrame® Gen 3 Cabinet	F-Series TeraFrame® HD Cabinet	N-Series TeraFrame® Gen 3 Cabinet	GF-Series GlobalFrame® Gen 2 Cabinet	Z4-Series SeismicFrame® Cabinet System	MegaFrame <sup>®</sup> & SlimFrame <sup>®</sup> Cabinet
23.6"W (600 mm), 19"EIA, Glacier White	23.6"W (600 mm), 19"EIA, Black	31.5"W (800 mm), 19"EIA, Glacier White	23.6″W (600 mm), 19″EIA, Glacier White	23.6″W (600 mm), 19″EIA, Black	27.3"W (694 mm), 19"EIA, M-Series MegaFrame, Black
Part No.         Description         Wt. lb (kg)           FF1N-113B-E42-B         84.6"H x 23.6"W x 47.3"D, 45U         386	Part No.         Description         Wt. lb (kg)           FHD-C1M-113B-C42         82.5"H x 23.6"W x 46.1"D, 42U         482	Part No.         Description         Wt. lb (kg)           NF1N-113C-E42-1         83.4"H x 31.5"W x 47.3"D, 45U         435	Part No.         Description         Wt. lb (kg)           GF-1A520-EB         79.4"H x 23.6"W x 47.3"D, 42U         336	Part No. Description Wt. lb (kg) Z4-21N-113C-C12 83.9"H x 23.6"W x 45.1"D. 43U 525	Part No.         Description         Wt. lb (kg)           M1033-741         84.0"H x 27.3"W x 33.6"D, 45U         246
2149 mm x 600 mm x 1200 mm (175.1) FF1U-113B-E42-B 84.6"H x 23.6"W x 51.2"D, 45U 403	2096 mm x 600 mm x 1172 mm (218.6)	2117 mm x 800 mm x 1200 mm (197.3)	2016mm x 600 mm x 1200 mm (152.4)	2132 mm x 600 mm x 1145 mm (238)	2130 mm x 694 mm x 854 mm (111.6)
2149 mm x 600 mm x 1300 mm (182.8) FF1U-111B-E52-B 84.6"H x 23.6"W x 51.2"D, 45U 422	FHD-C1U-113B-C42 82.5"H x 23.6"W x 51.0"D, 42U 498	NF1U-113C-E42-1 83.4" H x 31.5" W x 51.2" D, 45U 449 2117 mm x 800 mm x 1300 mm (203.7)	GF-1A420-EB 79.4"H x 23.6"W x 51.2"D, 42U 358	Z4-21U-113C-C12 83.9"H x 23.6"W x 51.1"D, 43U 551	M1053-741 84.0"H x 27.3"W x 39.6"D, 45U 266
2149 mm x 600 mm x 1300 mm (191.4)	2096 mm x 600 mm x 1297 mm (225.9) FHD-C1U-111B-C52 82.5"H x 23.6"W x 51.0"D. 42U 508	NF1U-114C-E52-1 83.4"H x 31.5"W x 51.2"D, 45U 490	2016mm x 600 mm x 1300mm (162.4) GF-1A421-EB 79.4"H x 23.6"W x 51.2"D, 42U 378	2132 mm x 600 mm x 1296 mm (249.9) Z4-22N-113C-C12 83.9"H x 31.5"W x 45.1, 43U 604	2130 mm x 694 mm x 1006 mm (120.7) M1043-741 84.0"H x 27.3"W x 42.6"D, 45U 276
w/ Vertical Exhaust Duct, 20"-34"H (508 mm – 863 mm)	2096 mm x 600 mm x 1297 mm (230.4)	2117 mm x 800 mm x 1300 mm (222.3) w/ Vertical Exhaust Duct,	2016 mm x 600 mm x 1300 mm (171.5)	2132 mm x 800 mm x 1145 mm (273.8)	2130 mm x 694 mm x 1083 mm (125.2)
FF1U-111C-E62-B 84.6"H x 23.6"W x 51.2"D, 45U 432	w/ Vertical Exhaust Duct,	20"-34"H (508 mm - 863 mm)	w/ Vertical Exhaust Duct,	Z4-22U-113C-C12 83.9"H x 31.5"W x 51.1"D, 43U 631	24"W (610 mm), 19"EIA, C-Series SlimFrame, Black
2149 mm x 600 mm x 1300 mm (196.0) w/ Vertical Exhaust Duct,	20"-34"H (508 mm – 863 mm) FHD-C1U-111B-C62 82.5"H x 23.6"W x 51.0"D. 42U 525	NF1U-114C-E62-1 83.4"H x 31.5"W x 51.2"D, 45U 506 2117 mm x 800 mm x 1300 mm (229.5)	20"-34"H (508 mm – 863 mm) GF-1A422-EB 79.4"H x 23.6"W x 51.2"D, 42U 392	2132 mm x 800 mm x 1296 mm (286.4) Also available in Glacier White.	Part No.         Description         Wt. (lb/kg)           C1033-741         84.0"H x 24"W x 33.6"D, 43U         237
34"-60"H (863 mm – 1523 mm) FF1U-111C-E72-B 84.6"H x 23.6"W x 51.2"D, 45U 432	2096 mm x 600 mm x 1297 mm (238.1)	w/ Vertical Exhaust Duct,	2016 mm x 600 mm x 1300 mm (177.8)	Accessories	2130 mm x 610 mm x 854 mm (107.5)
2149 mm x 600 mm x 1300 mm (196.0)	w/ Vertical Exhaust Duct,	34"-60"H (863 mm – 1523 mm) NF1U-114C-E72-1 83.4"H x 31.5"W x 51.2"D, 45U 482	w/ Vertical Exhaust Duct,	Vertical Cable Managers	C1053-741 84.0"H x 24"W x 39.6"D, 43U 228
w/ Vertical Exhaust Duct, 14"-20"H (356 mm - 508 mm)	34"-60"H (863 mm – 1523 mm)	2117 mm x 800 mm x 1300 mm (218.6) w/ Vertical Exhaust Duct,	34"-60"H (863 mm – 1523 mm) GF-1A422-EB 79.4"H x 23.6"W x 51.2"D, 42U 392	Part No. Description Wt. lb (kg)	2130 mm x 610 mm x 1006 mm (103.4) Also available in Gray and Computer Beige.
31.5"W (800 mm), 19" EIA, Glacier White	Accessories Vertical Cable Managers	W/ Vertical Exhaust Duct, 14"-20"H (356 mm – 508 mm)	2016 mm x 600 mm x 1300 mm (177.8)	14440-C01 Ring Cable Manager, 13 (5.9) for 43U x 23.6"W (600 mm) cabinet	Accessories
Part No. Description Wt. lb (kg)	Part No. Description Wt. lb (kg)	40.0"W (1016 mm), 19"EIA, Glacier White	34"-60"H (863 mm – 1523 mm)	14445-C01 Ring Cable Manager, 13 (5.9)	
FF3U-113B-E42-B 84.6"H x 31.5"W x 51.2"D, 45U 440 (199.6) 2149 mm x 800 mm x 1300 mm	16273-C02 Cable Lashing Bracket for 12 (5.4)	NF5U-113C-E42-1 83.4"H x 40.0"W x 51.2"D, 45U 528 2117 mm x 1016 mm x 1300 mm (239.5)	31.5"W (800 mm), 19"EIA, Glacier White	for 43U x 31.5"W (800 mm) cabinet	Part No. Description Wt. lb (kg)
Cabinets that include Vertical Exhaust Duct also include a Bottom	42U cabinet, 5"W (125 mm)	Cabinets include an internal side air intake duct for switches.	Part No.         Description         Wt. lb (kg)           GF-1C220-EB         79.4"H x 31.5"W x 43.3"D, 42U         383	14465-C01 Cable Lashing Bracket, 3 (1.4) for 43U cabinet, 1.6"W (41 mm)	12465-707 Vertical Cable Manager 7 (3.2) for 45U M-Series MegaFrame
Panel. Also available in Black. Accessories	Thermal Management	Cabinets that include Vertical Exhaust Duct also include a Bottom Panel. Also available in Black.	GF-1C220-EB 79.4"H x 31.5"W x 43.3"D, 42U 383 2016 mm x 800 mm x 1100 mm (173.7)	14485-C00 Front-to-Rear Cable Manager, 6 (2.7)	11809-700 Narrow Vertical Cable Manager 5 (2.3)
Vertical Cable Managers	Part No. Description Wt. lb (kg)	Accessories	GF-1C420-EB 79.4"H x 31.5"W x 41.2"D, 42U 479	for 31.5"W (800 mm) cabinet	for 43U C-Series SlimFrame
Part No. Description Wt. lb (kg)	16278-C01         Bottom Panel         19 (8.6)           16270-C02         Air Dam Kit for 42U x 23.6"W         12 (5.4)	Vertical Cable Managers	2016 mm x 800 mm x 1300 mm (217.3) Cabinets that include Vertical Exhaust Duct also include a Bottom	14481-C01 Full Height Dual PDU Bracket, Wide, 11 (5.0) for 43U cabinet, 5.8"W (147 mm)	Enhanced Vertical Cable Managers
39120-E03 Finger Cable Manager, Short, 22 (10) 4"D (102 mm) for 45U x 23.6"W	(600 mm) cabinet	Part No. Description Wt. lb (kg)	Panel. Also available in Black.		Part No. Description Wt. lb (kg)
(600 mm) cabinet	34537-000 Snap-In Filler Panel, 1U 1 (0.5)	39128-E03 Ring Cable Manager, 14 (6.4)	<u>Accessories</u>	Thermal Management Part No. Description Wt. lb (kg)	13171-700 Enhanced Vertical Cable Managers 11 (5.0) for 45U M-Series MegaFrame
39112-E25 Finger Cable Manager, 23 (10.4) 8.4"D (213 mm) for 45U x 31.5"W	34538-000 Snap-In Filler Panel, 2U 2 (0.9)	for 45U x 31.5"W (800 mm) cabinet 39129-E03 Ring Cable Manager, 14 (6.4)	Vertical Cable Managers	14435-C01 Air Dam, 43U x 23.6°W (600 mm) cabinet 14 (6.4)	13169-701 Front-to-Back Horizontal Manager 3 (1.4)
(800 mm) cabinet 39124-E03 Cable Lashing Bracket for 4 (1.8)	Equipment Mounting Hardware	for 45U x 40.0"W (1016 mm) cabinet	Part No.         Description         Wt. Ib (kg)           39087-E00         Ring Cable Manager, 4.5"D (114 mm)         2 (0.9)	14435-C03 Air Dam, 43U x 31.5 W (800 mm) cabinet 21 (9.5)	Thermal Management
for 45U cabinet, 1.6"W (41 mm)	Part No.         Description         Wt. lb (kg)           12637-001         M6 Cage Nuts/Screws (25)         1 (0.5)	39381-E03 Cable Lashing Bracket, 21 (9.5) for 45U cabinet, 9.8"W (250 mm)	for 42U x 23.6"W (600 mm) cabinet	39133-001 Equipment Rail Grommet Kit, for 31.5'W 2 (0.9) (800 mm) cabinets, 8 grommets	Part No. Description Wt. lb (kg)
39087-E03 Ring Cable Manager 14 (6.4) for 45U x 23.6"W (600 mm) cabinet	12638-001 #10-32 Cage Nuts/Screws (25) 1 (0.5)	39377-E01 Telescoping Cable Manager 5 (2.3) for 31.5"W (800 mm) cabinet,	39089-E00 Ring Cable Manager, 5.0"D (127 mm) 6 (2.7)	34537-000 Snap-In Filler Panel, 1U 1 (0.5)	13336-710 Air Dam Kit 11 (5.0)
39089-E03 Ring Cable Manager 14 (6.4) for 45U x 31.5"W (800 mm) cabinet	12639-001 #12-24 Cage Nuts/Screws (25) 1 (0.5)	2.5"H x 2.6"D (64 mm x 173 mm)	for 42U x 31.5"W (800 mm) cabinet 39124-E00 Cable Lashing Bracket for 42U cabinet, 11 (5.0)	34538-000 Snap-In Filler Panel, 2U 2 (0.9)	34537-000 Snap-In Filler Panel, 1U 1 (0.5) 34538-000 Snap-In Filler Panel, 2U 2 (0.9)
39077-E00 Front-to-Rear Cable Manager 6 (2.7)	Installation	39377-E02 Telescoping Cable Manager, 5 (2.3) for 40.0"W (1016 mm) cabinet,	1.6'W (41 mm)	Equipment Mounting Hardware	Equipment Mounting Hardware
for 31.5"W (800 mm) cabinet 39221-E03 Full Height Dual PDU Bracket, 11 (5.0)	Part No. Description Wt. lb (kg)	3.3"H x 6.8"D (84 mm x 173 mm)	Thermal Management	Part No. Description Wt. lb (kg)	Part No. <u>Description</u> Wt. lb (kg)
Wide, for 45U cabinet, 5.8"W (147 mm)	16280-C01 Unloading Ramp, 1 req. per site 185 (83.9) 16279-C01 Bolt Down Kit, 1 reg. per cabinet 14 (6.4)	39327-E01 Radius Drop, for 31.5"W (800 mm) 1 (.05) cabinet, 11"L (279 mm)	Part No.         Description         Wt. Ib (kg)           39085-E00         Air Dam, 42U x 23.6'W (600 mm) cabinet 2 (0.9)	12637-001 M6 Cage Nuts/Screws (25) 1 (0.5)	12637-001 M6 Cage Nuts/Screws (25) 1 (0.5)
Thermal Management Part No. Description Wt. lb (kg)	16279-CUT BOIT DOWN KIT, I req. per cabinet 14 (6.4)	39221-E03 Full Height Dual PDU Bracket, 11 (5.0)	39080-E00 Bottom Panel, 23.6'W (600 mm) cabinet 2 (0.9)		12638-001 #10-32 Cage Nuts/Screws (25) 1 (0.5) 12639-001 #12-24 Cage Nuts/Screws (25) 1 (0.5)
Part No.         Description         wvt. to (kg)           39085-E03         Air Dam for 45U x 23.6"W         11 (5.0)		Wide, for 45U cabinet, 5.8"W (147 mm)	39133-001 Equipment Rail Grommet Kit, for 31.5 W 2 (0.9)		12000 001 #12-24 Gage Nuts/Sciews (23) 1 (0.3)
(600 mm) cabinet 39132-E00 Bottom Panel for 23.6"W 23 (10.4)		Thermal Management	(800 mm) cabinets, 8 grommets, black 34537-E00 Snap-In Filler Panel, 1U 1 (0.5)		
(600 mm) cabinet 34537-E00 Snap-In Filler Panel, 1U 1 (0.5)		Part No.         Description         Wt. Ib (kg)           34537-E00         Snap-In Filler Panel, 1U         1 (0.5)	34538-E00 Snap-In Filler Panel, 2U 2 (0.9)		
34538-E00 Snap-In Filler Panel, 2U 2 (0.9)		34538-E00 Snap-In Filler Panel, 2U 2 (0.9)	Use Air Dam and Bottom Panel together. Bottom Panel is included with cabinets that have a Vertical Exhaust Duct.		
Use Air Dam and Bottom Panel together. Bottom Panel is included with cabinets that have a Vertical Exhaust Duct.		Equipment Mounting Hardware	Equipment Mounting Hardware		
		Part No. Description Wt. lb (kg)	Part No. <u>Description</u> <u>Wt. lb (kg)</u>		
Equipment Mounting Hardware Part No. Description Wt. Ib (kg)		12637-001 M6 Cage Nuts/Screws (25) 1 (0.5)	12637-001 M6 Cage Nuts/Screws (25) 1 (0.5)		
12637-001 M6 Cage Nuts/Screws (25) 1 (0.5)					



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