HEAVY · WELDED · COLOCATION

W-Series

A welded, high-load data-center cabinet in six standard sizes, from a single 51U bay to four secure 12U compartments in one frame. Rated for 2500 kg static and 1800 kg dynamic load, with 75 % open-area doors and per-bay access control. Configured to specification and delivered on a 2–4 week European lead time.

● SIX STANDARD SIZES · 808 × 1208 MM FOOTPRINT



2500 kg
STATIC LOAD

1800 kg
DYNAMIC LOAD

39–51 U
HEIGHT RANGE

1–4 bays
SECURE COMPARTMENTS

STANDARD SIZES

ALL 808 × 1208 MM · BAY COUNT FOLLOWS HEIGHT

SIZE	BAYS	HEIGHT	DOORS	LATCH / DOOR	HINGES	WEIGHT
39U	3 × 13U	2156 mm	6	1-point	Earthed, fixed 180°	255 kg
40U	2 × 20U	2156 mm	4	1-point	Removable 180°	214 kg
42U	1 × 42U	2156 mm	2	3-point	Removable 180°	190 kg
48U	4 × 12U	2556 mm	8	1-point	Earthed, fixed 180°	285 kg
50U	2 × 25U	2556 mm	4	1-point	Removable 180°	242 kg
51U	1 × 51U	2556 mm	2	3-point	Removable 180°	211 kg

Heights include castors and roof plate (48–51U: 2519 mm without castors). Doors count front and rear.

GENERAL

Static load	2500 kg
Load note	evenly distributed
Dynamic load	1800 kg
Footprint	808 × 1208 mm
Earthing	4 earthing points
IP rating	IP20
Mounting depth	up to 1100 mm, fine-adjustable

CONSTRUCTION & FINISH

Body	welded frame
Carcass	DC01 · 2 mm
Finish	RAL 9011 (black) or RAL 9006, powder-coated
Mounting	adjustable slots for unit brackets
Baying	joins side by side in rows
Castors	Ø 75 mm, 105 mm high

Wenvex, a division of Vacuum El System Ltd
1 Yambolen Street, Yambol, Bulgaria · www.wenvex.com · info@wenvex.com

DOORS · 75 % OPEN AREA

Configuration	1 front + 1 rear per bay
Open area	75 %
Material	DC01 · 1.5 mm
Handle	swing handle
Latch	3-point (single bay), 1-point per compartment door
Hinges	180°, removable or earthed (per size)

ACCESS & SECURITY

Compartments	independently locked secure bays
Access control	1333 key (keyed alike) · profile cylinder · combination lock · electronic · custom
Side panels	solid, 2 per side, DC01 · 1.5 mm

CABLE MANAGEMENT

Cable entry	top and bottom, left and right
Sealing	breakable plate and / or brushes
Cable paths	breakable brackets on beams

INTERIOR

U markings	laser-cut, bottom to top
Separating shelves	between bays
Airflow brackets	on request
PDU brackets	on request
Fittings	closing caps, push-in rivets

STANDARDS & COMPLIANCE

Enclosure standard	EN IEC 61587-1
Mounting	19″ EIA
Compliance docs	available on request

MANUFACTURE & DELIVERY

Origin	Yambol, Bulgaria
Construction	welded & assembled in-house
Lead time	2–4 weeks (Europe)

CONFIGURE TO SPECIFICATION

EVERY VARIANT IS A CONFIGURATION

HEIGHT	39 · 40 · 42 · 48 · 50 · 51U	BAYS	1 · 2 · 3 · 4 (follow height)
ACCESS CONTROL	key · profile · combination · electronic	SIDE PANELS	both · left · right · none
COLOUR	RAL 9011 · 9006 · custom	PDU	metered · switched
CABLE ENTRY	top · bottom, plate or brush	BESPOKE	other heights · compartment splits

Specify your W-Series.

Send us your load, bay layout, access and metering needs and receive an engineered quote, normally within one business day.

WWW.WENVEX.COM/QUOTE

Welded, modular frame

One welded, modular frame per height family (2156 and 2556 mm) takes every bay layout in that family and can be modified to your specification. Cabinets join side by side in rows.

Secure colocation

Each bay is a locked compartment with its own front and rear doors and its own access control, so tenants share a footprint without sharing a lock. Metered PDUs support per-tenant billing.

DC01 is cold-rolled steel. Values are typical for the standard sizes and subject to change without notice. Other heights, dimensions and compartment splits are available as welded bespoke builds.

Wenvex, a division of Vacuum El System Ltd
1 Yambolen Street, Yambol, Bulgaria · www.wenvex.com · info@wenvex.com