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Deep Networks Group

DATA SHEET
DE-STD · SN-CONNECT · Rev. 2026

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FLOOR-STANDING CABINETS 19″

SN-CONNECT Welded-Frame series

Floor-Standing Data Cabinet, 19″



SN-CONNECT is a floor-standing 19-inch cabinet designed for housing and organising standard 19-inch rack equipment indoors. It features a fully welded frame that provides a rigid construction, is supplied fully assembled, and supports a distributed static load of up to 1200 kg.

The front door is glazed with 4 mm tempered safety glass and secured with a swing-handle lock featuring a 3-point rod locking system. It can be configured for right- or left-hand opening, while perforated, solid-metal or double-hinged front door versions are also available. The rear is available with matching glazed, perforated or solid-metal doors featuring the same locking system, or with a solid-metal panel secured with a round cam lock. Two pairs of galvanised 19-inch mounting rails can be repositioned along the cabinet depth. Both side panels are removable and secured with locks: 600 mm and 800 mm deep cabinets have two panels, while 1000 mm and 1200 mm deep versions have four, two on each side. Every removable metal part is equipped with an individual grounding stud.

The cabinet is supplied in corrugated cardboard packaging for transport and storage.

Door options: **Glass** **Perforated** **Metal** **Double-hinged**

AT A GLANCE

Product family	**SN-CONNECT**
Category	**Floor-Standing Cabinet**
Installation	**Indoor**
Rack standard	**19″**
Assembly	**Fully assembled**

NUMBERED DETAILS IN THE PHOTO

1. **Tempered glass**
   Front door glazed with 4 mm tempered safety glass; perforated, solid-metal and double-hinged front door versions are also available for this range.
2. **Swing-handle lock**
   Swing-handle lock with a 3-point rod locking system on the front door leaf; the rear is secured with a matching lock or a round cam lock, depending on the rear panel type.
3. **Ventilation**
   Slotted grille along the front roof edge gives passive airflow by natural convection; the roof also accepts four 120 × 120 mm fans or a Roof Fan Unit for active airflow.
4. **19″ mounting rails**
   Two pairs of galvanised mounting rails, visible inside the open door, can be repositioned along the cabinet depth.
5. **Removable side panel**
   Side panels lift off and lock back on, opening full-height access to cabling during installation and service — two panels on 600/800 mm-deep cabinets, four on 1000/1200 mm-deep versions.

1 Key figures

Height	**42–47** U
Width	**600 / 800** mm
Depth	**600 / 800 / 1000 / 1200** mm
Static Load	**1200** kg
Protection	**IP20**

2 Key features

Steel Construction	Full cold-rolled sheet-steel body construction
Glass / Perforated / Metal Door	Front and rear swing-handle lock, 3-point rod system
Ventilation Openings	Roof cutout for passive or fan-assisted airflow
Cable Entry Points	Top and bottom panels
19″ Mounting Rails	2 pairs, adjustable depth
Grounding	All removable parts earthed
Fan Mounting Positions	Mounting holes in the roof for four 120 × 120 mm fans or for a Roof Fan Unit
Fully Welded Construction	Rigid one-piece frame, supplied fully assembled

TYPICAL APPLICATIONS

- Server Rooms
- Telecommunications Rooms
- Network Distribution Points
- Equipment Rooms
- IT Infrastructure
- Building Distribution Rooms
- LAN / WAN Infrastructure

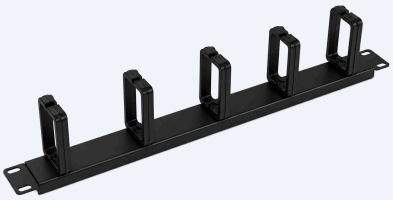
WHAT'S IN THE BOX

- Fully assembled cabinet with front and rear doors
- Two pairs of 19-inch mounting rails
- Key sets — one set for each lock (front door, rear, and every side panel)
- Set of levelling feet

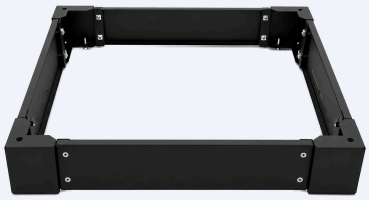
COMPATIBLE ACCESSORIES



SNV Series Roof Fan Unit



Cable organizer



Plinth base

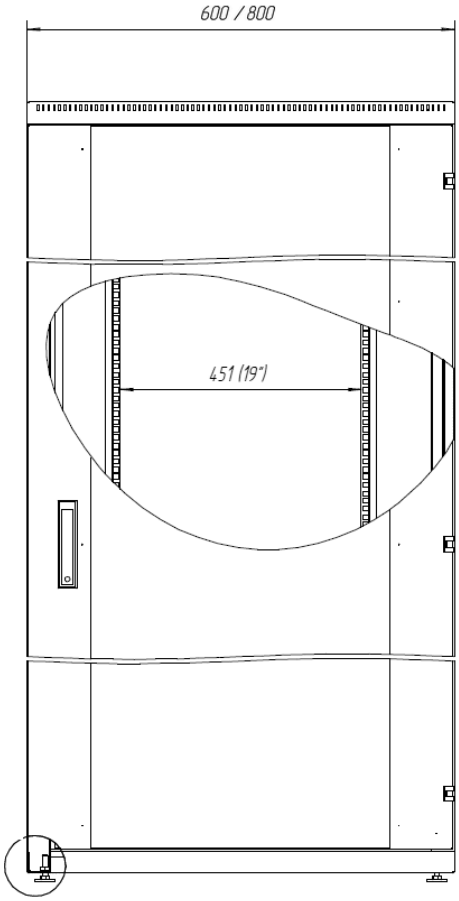
3 Size and configuration matrix

Size and configuration matrix. Rows give cabinet height in rack units and millimetres. Columns give external width and depth in millimetres. Each cell gives the usable internal depth and the net weight.

Height	Width × external depth (mm)					
	600 × 600	600 × 800	600 × 1000	800 × 800	800 × 1000	800 × 1200
42U 2000 mm	**450** 75.4 kg	**650** 86.7 kg	**850** 93.2 kg	**650** 100.4 kg	**850** 106.9 kg	**1050** 113.4 kg
47U 2222 mm	**450** 81.8 kg	**650** 88.6 kg	**850** 95.2 kg	**650** 108.5 kg	**850** 115.1 kg	**1050** 121.7 kg

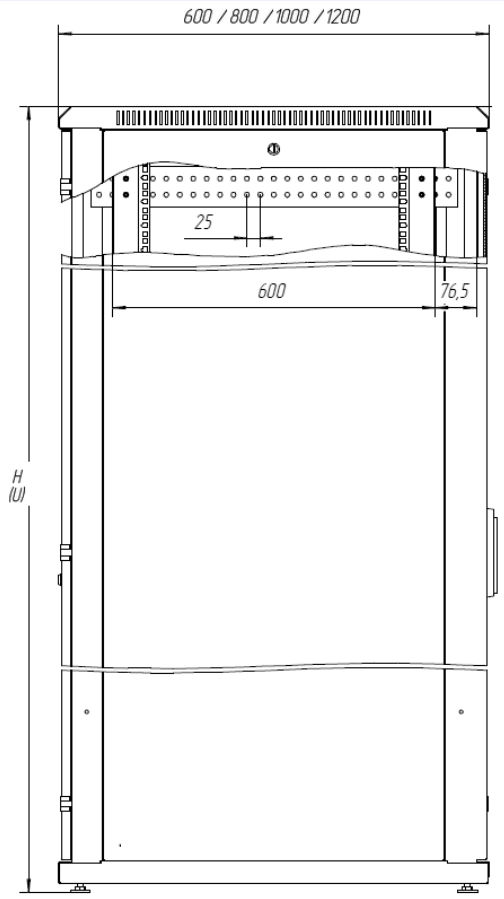
Usable internal depth is the external depth less 150 mm. Weights are for the glass-door (GD) configuration; perforated (PD), metal and double-hinged front doors vary slightly — contact DeepNet Europe for exact figures. Only one weight figure is directly measured (42U, 800×800 mm); the rest are calculated by scaling SN-NOS's published weight matrix (same Welded-Frame construction) to match the one measured point — the 1200 mm-depth column has no SN-NOS equivalent to scale from, so it is extrapolated from this table's own 800/1000 mm-depth premium instead. 800 mm width is only offered at 800/1000/1200 mm depth (no 800×600 combination); 1200 mm depth is only offered at 800 mm width.

4 Technical drawings



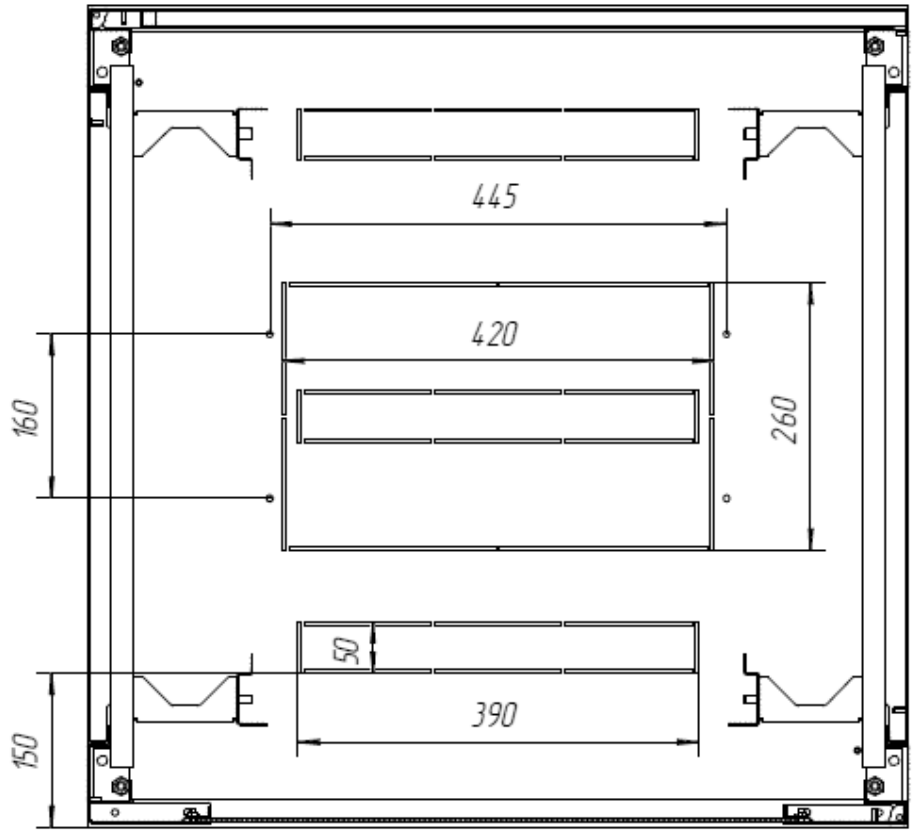
FRONT VIEW

Front elevation, generic for the whole range. Overall width is marked 600 / 800 above the cabinet, covering both widths in the range. A 19-inch mounting rail stands inside the body on each side. A swing-handle lock sits on the door frame. Slotted ventilation runs along the roof edge.



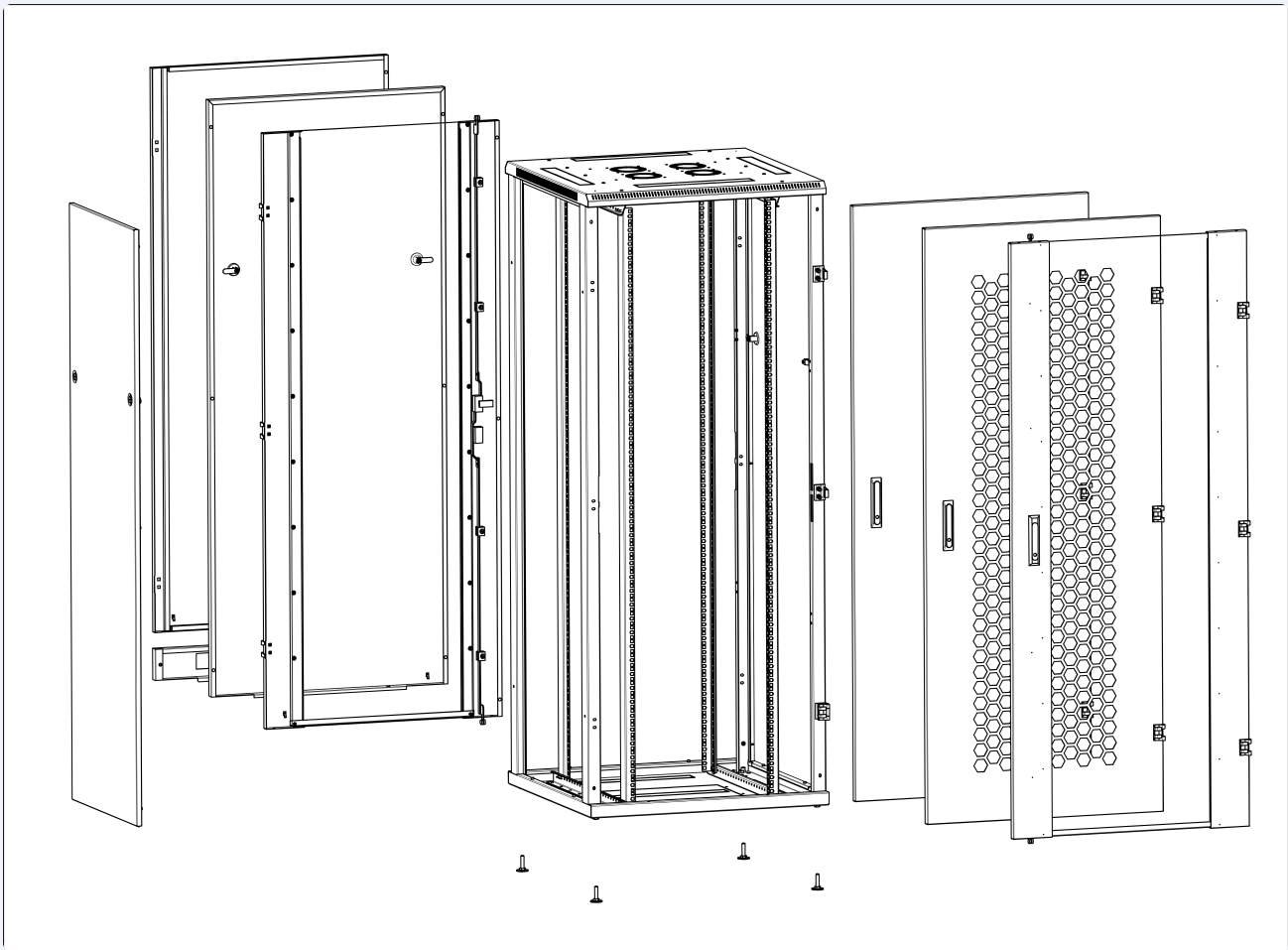
SIDE VIEW

Side elevation, generic for the whole range. Overall height on the left is marked H (U) and varies with the ordered size. The depth dimension above the cabinet is labelled 600 / 800 / 1000 / 1200, covering every depth in the range. Levelling feet are visible along the base.



TOP VIEW

Roof panel seen from above. A rectangular roof cable entry slot sits near one edge, closed by a removable cover plate. A mounting-hole pattern for four 120 × 120 mm fans sits toward the other edge, sized to also accept the SNV Roof Fan Unit.



EXPLODED ASSEMBLY VIEW · DOOR OPTIONS: GLASS / PERFORATED / METAL

Exploded assembly view showing the fully welded one-piece frame with the roof fan-mounting cutout, two pairs of vertical 19-inch mounting rails and the base with levelling feet. Removable side panels separate to one side. To the other side, the solid rear door and the three interchangeable front door options are shown one behind the other — a plain metal door, a door with honeycomb perforation, and a framed tempered-glass door — each with its swing-handle lock and hinge fittings.

5 Standards and certification

- ✓ **IEC 60297-1 / -2** 19-inch rack dimensions
- ✓ **EN 60529** Degrees of protection (IP Code)
- ✓ **EN 62208** Empty LV switchgear enclosures
- ✓ **2014/35/EU** Low Voltage Directive (LVD)

6 Colour and ordering

Available finishes

RAL 7035
Light grey

RAL 9005
Jet black

Ordering code

`SN-CONNECT-FS-WD-19-[H]U-[W]-[D]-[DOOR]-[DOOR_REAR]-[PANEL]-[RAL]`

`SN-CONNECT`

Series name

`FS`

Floor-standing

`WD`

Welded construction

`19`

19-inch rack standard

`[H]`

Height in rack units — 42, 47

`[W]`

Width code — 06 means 600 mm, 08 means 800 mm — 06, 08

`[D]`

Depth code in metres without the decimal point — 12 (1200 mm) is only offered at 800 mm width — 06, 08, 10, 12

`[DOOR]-[DOOR_REAR]`

Front and rear door type together — available combinations: PD-PD (perforated both), GD-MD (glass front, metal rear) and PD-GD (perforated front, glass rear)

`[PANEL]`

Side panel count — 2SP at 600/800 mm depth, 4SP at 1000/1200 mm depth — 2SP, 4SP

`[RAL]`

> Powder-coat colour — 7035 light grey or 9005 black

EXAMPLE `SN-CONNECT-FS-WD-19-47U-08-08-GD-MD-2SP-7035`

47 rack units high, 800 mm wide, 800 mm deep, glass front door, metal rear door, two side panels, RAL 7035 light grey.

Side panel count (SP) follows depth automatically: 2SP at 600/800 mm, 4SP at 1000/1200 mm. Metal and double-hinged front doors are catalogued options but do not yet have separate SKU rows in the price list — contact DeepNet Europe for current SKU and colour availability per size.

CE · IP20 · EN 62208 · 2014/35/EU · Made in Europe

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