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Deep Networks Group

DATA SHEET
DE-STD · SN-BG-V · Rev. 2026

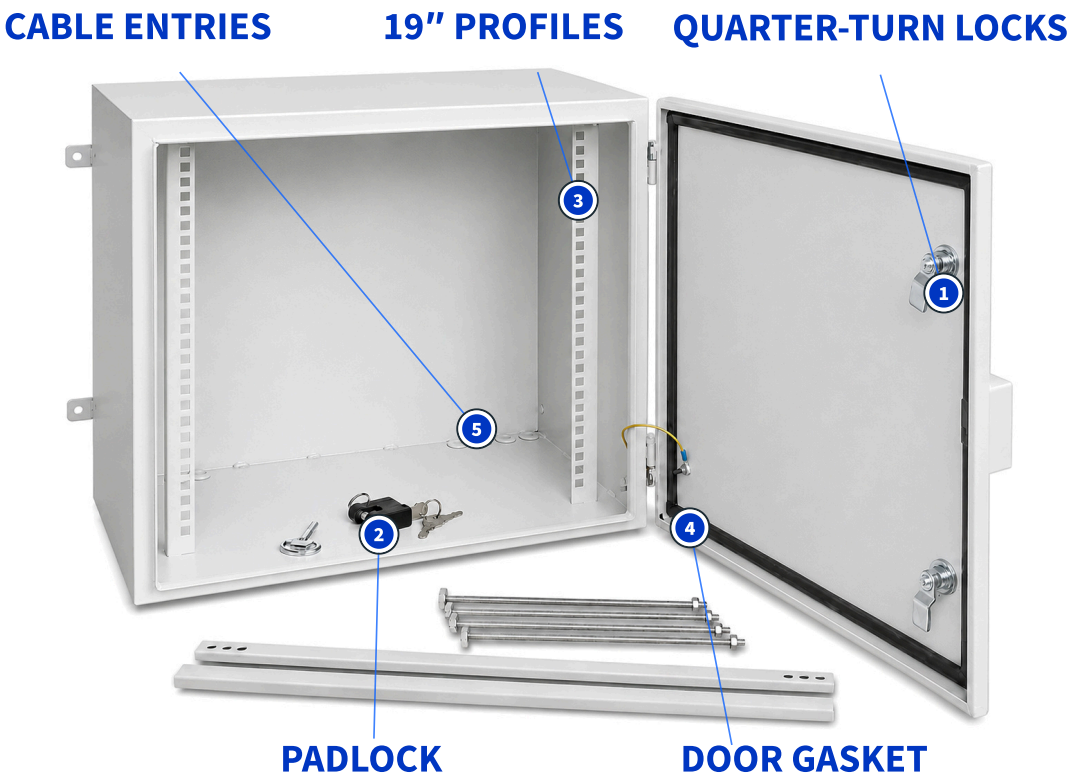
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OUTDOOR ENCLOSURES

SN-BG Rack Series-V

Outdoor 19″ Equipment Enclosure, Horizontal Mount, IP54



Rack Series-V is a range of single-wall steel outdoor enclosures designed for the installation and protection of 19″ telecommunications equipment. The equipment is installed horizontally on standard 19″ mounting profiles, providing a conventional rack-mount configuration. The fully welded enclosure features two quarter-turn locks and a padlock for additional protection against unauthorised access. Suitable for wall or pole mounting. Protection rating: IP54. Finished with a durable outdoor-grade powder coating in RAL 7035.

AT A GLANCE

Series	**Rack Series-V**
Model	**SN-BG-WP-WD-19-9U-055-045-037-V**
External dimensions	**550 x 450 x 370 mm (W x H x D)**
Material	**Steel, fully welded**
Colour	**RAL 7035**
Mounting	**Wall or pole**

NUMBERED DETAILS IN THE PHOTO

1. **Quarter-Turn Locks**
   Two quarter-turn locks secure the door and provide quick access to the enclosure interior.
2. **Padlock**
   A keyed padlock provides an additional level of protection against unauthorised access.
3. **19″ Mounting Profiles**
   Two vertical 19″ mounting profiles support standard 19″ equipment in a horizontal orientation.
4. **Door Gasket**
   A continuous gasket around the door perimeter helps protect the enclosure interior against dust and water ingress.
5. **Cable Entries**
   Cable entries in the enclosure base are fitted with stepped rubber grommets to accommodate different cable diameters.

1 Key figures

Construction

Single-Wall Steel

Mounting

Wall / Pole

Protection

IP54

Rack Standard

Standard 19″

2 Key features

IP54 Protection	Sealed against dust and splashing water
Single-Wall Steel Construction	Fully welded steel body, powder-polymer coated
19″ System Compatibility	Fits standard 19″ telecommunications equipment
Horizontal Equipment Mounting	Equipment mounts horizontally on standard 19″ mounting profiles
Padlock Included	A keyed padlock is supplied, in addition to the two quarter-turn locks
Fully Welded Construction	High structural rigidity with no assembly joints
Wall or Pole Mounting	Welded mounting ears for wall installation; two pole-mount brackets supplied
Grounding	Grounding wire between the door and the body

TYPICAL APPLICATIONS

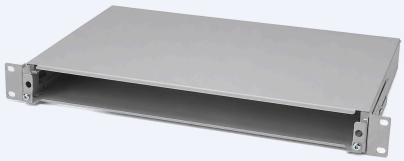
- FTTx and access-network cabinets
- Outdoor 19-inch equipment (media converters, switches, patch panels)

- Pole-mounted distribution
- CCTV and telemetry field cabinets

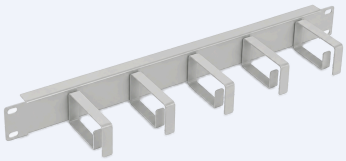
WHAT'S IN THE BOX

- Fully welded enclosure body
- Two 19-inch mounting profiles
- Stepped rubber cable grommets, 8 pcs
- Pole-mount bracket x2
- Grounding wire
- Padlock with keys

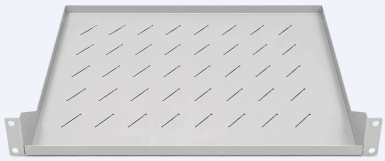
COMPATIBLE ACCESSORIES



Distribution frame



Cable organizer



Shelf

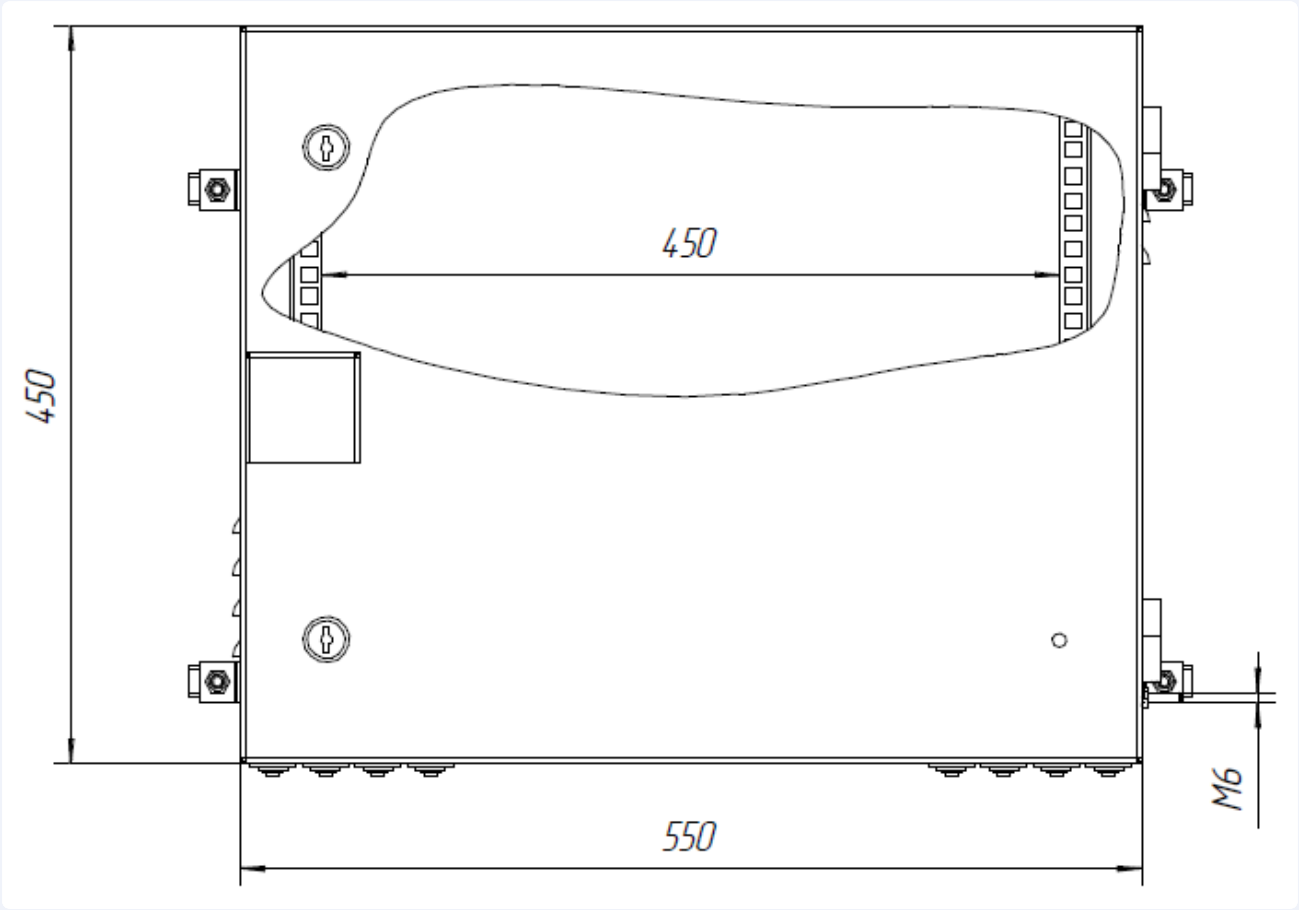
3 Size and configuration matrix

The single row is the SN-BG Rack Series-V model. Columns give external width, height and depth, the rack units, the number of cable entries, and net weight.

Model	Width (mm)	Height (mm)	Depth (mm)	Rack units	Cable entries	Net weight (kg)
SN-BG-WP-WD-19-9U-055-045-037-V	**550** mm	**450** mm	**370** mm	**9U**	**8 x Ø22**	17.85 kg

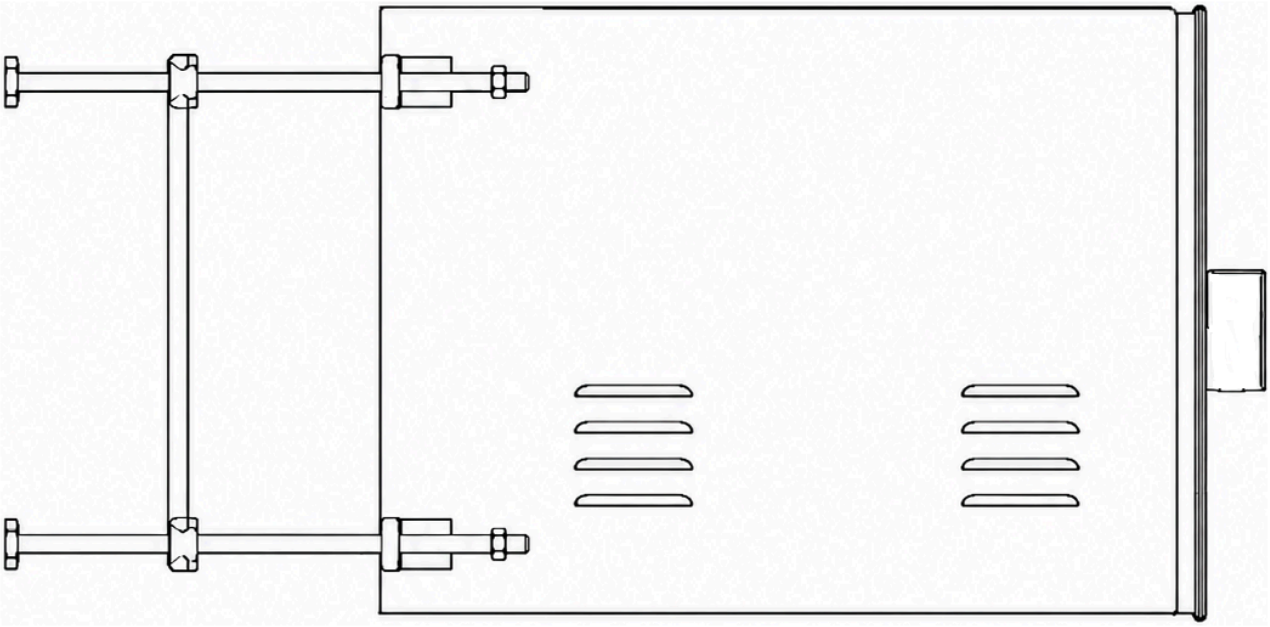
Each cable-entry hole is 22 mm in diameter, fitted with a stepped rubber grommet; 8 entries in the base. The weight is for the empty enclosure.

4 Technical drawings



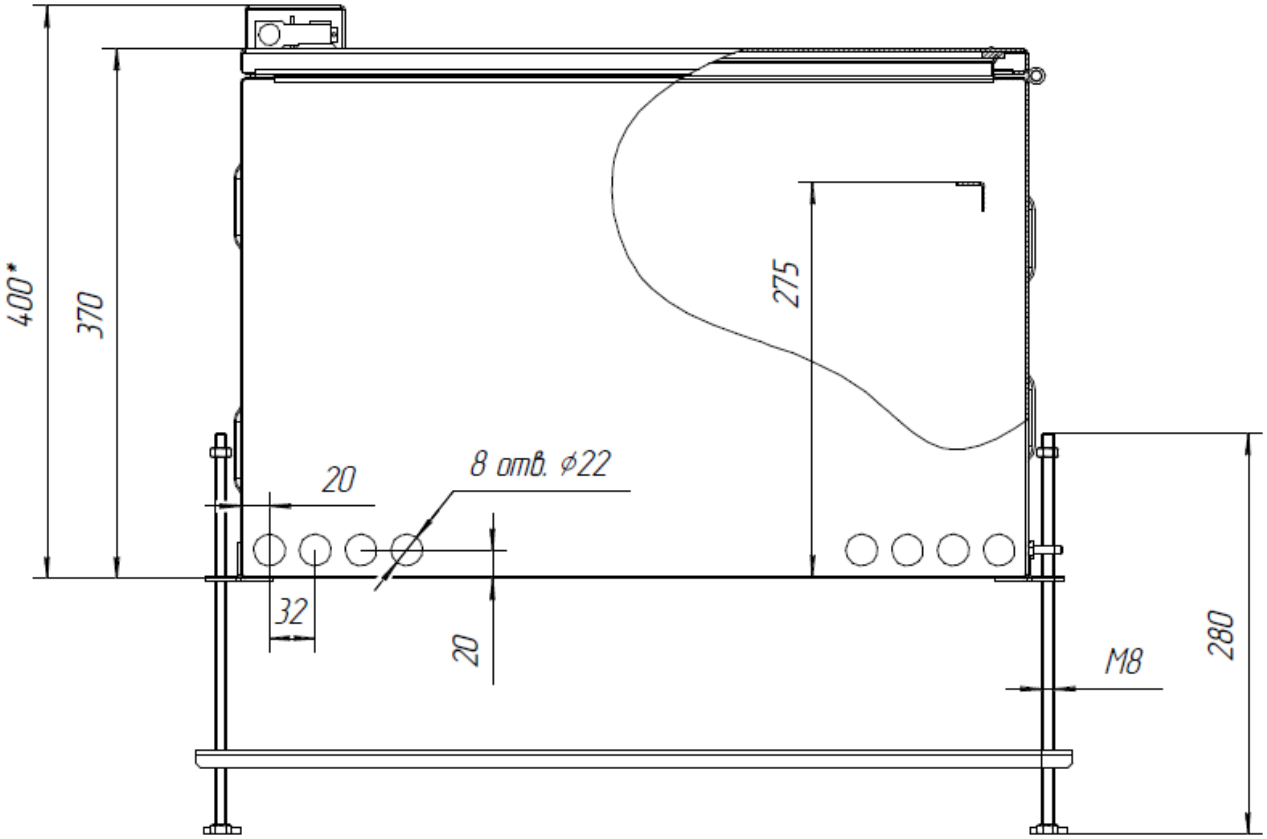
FRONT VIEW

Front elevation. Overall width 550 mm, height 450 mm. Two vertical 19-inch mounting profiles are fitted inside; the marked 450 mm is the clear gap between their inner faces, and the equipment fixes to the standard 19-inch hole pattern carried on the profiles. A welded mounting ear on each side takes an M6 wall-fixing screw. The door carries two quarter-turn cam locks and a hasp for the supplied padlock.



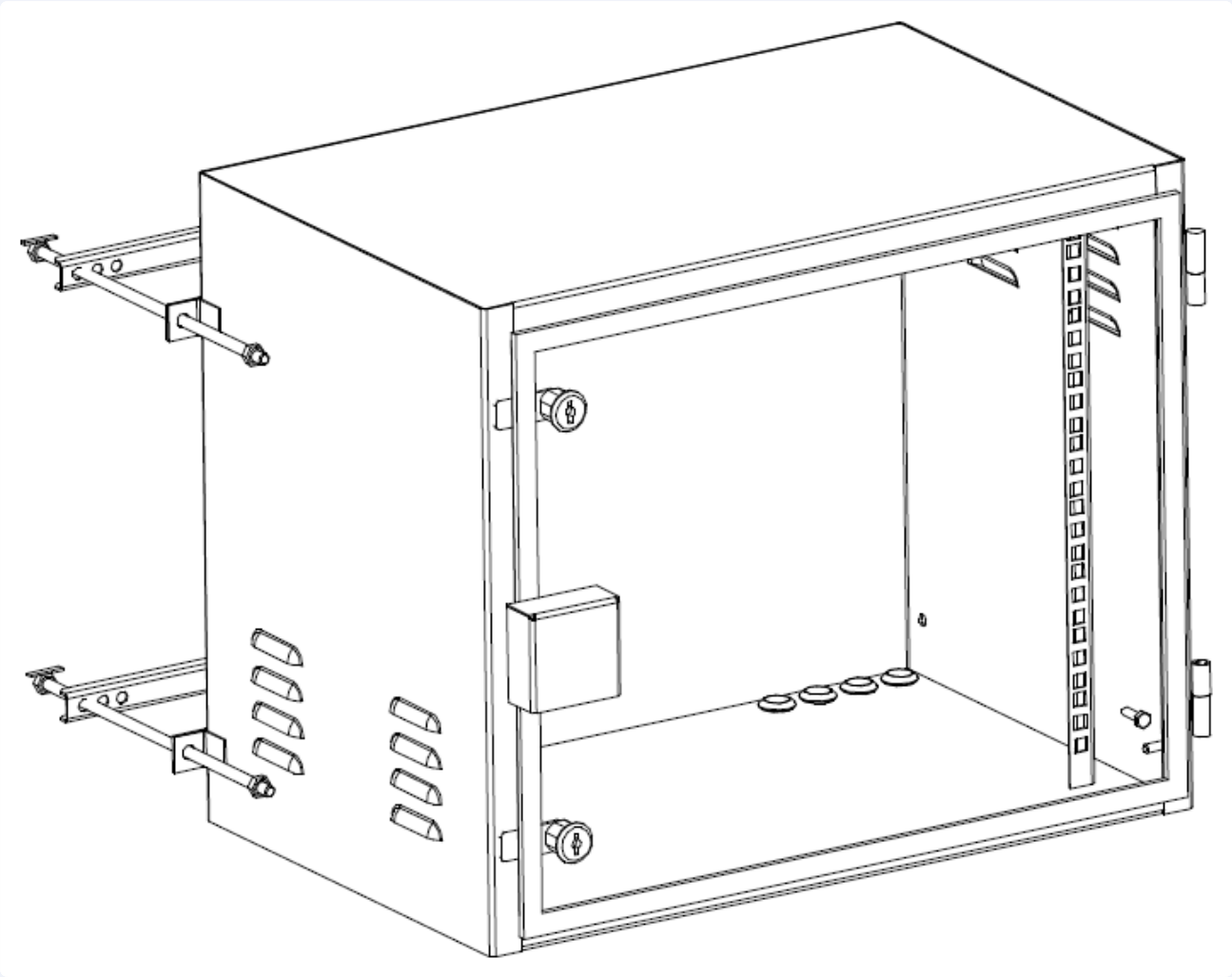
SIDE VIEW

Side elevation. Enclosure depth 370 mm; overall reference depth 400 mm including the door. A gasket runs the full perimeter of the door opening. An M8 external grounding stud is on the side wall.



BOTTOM VIEW

Underside of the enclosure. Eight cable-entry holes 22 mm in diameter, each fitted with a stepped rubber grommet. Centre spacing 32 mm, edge offset 20 mm as marked.



GENERAL VIEW

Isometric view with the door open. Two vertical 19-inch mounting profiles run the height of the interior; equipment is fixed to them horizontally in a conventional rack configuration. The door carries the perimeter gasket, two quarter-turn locks and the padlock hasp.

5 Standards and certification

- ✓ **2014/35/EU** Low Voltage Directive
- ✓ **2014/30/EU** Electromagnetic Compatibility Directive
- ✓ **EN 60529:1991/A2:2013/AC:2019-02** Degrees of protection provided by enclosures (IP code)
- ✓ **EN 61439-1:2011** Low-voltage switchgear and controlgear assemblies — general rules
- ✓ **EN 61439-3:2012/AC:2019-04** Distribution boards intended to be operated by ordinary persons
- ✓ **EN 62368-1:2014/AC:2015** Audio/video, information and communication technology equipment — safety

6 Colour and ordering

Available finishes

RAL 7035
Light grey

Ordering code

`SN-BG-WP-WD-19-9U-055-045-037-V`

SN-BG

Series name

WP

Wall or pole mounting

WD

Welded construction

19

19-inch rack standard

9U

Height 9U

055

Width code — 550 mm

045

Height code — 450 mm

037

Depth code — 370 mm

V

Standard horizontal-mount variant — the only configuration in this series

EXAMPLE `SN-BG-WP-WD-19-9U-055-045-037-V`

Rack Series-V outdoor enclosure, 550 mm wide, 450 mm high, 370 mm deep, 9U of horizontal 19-inch mounting space, RAL 7035, IP54.

A single SKU. The model-number digits 055-045-037 are the external dimensions in width × height × depth order (550 × 450 × 370 mm). No depth, rack-unit, door or colour options.

CE · IP54 · EN 60529 · 2014/35/EU · Made in Europe

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