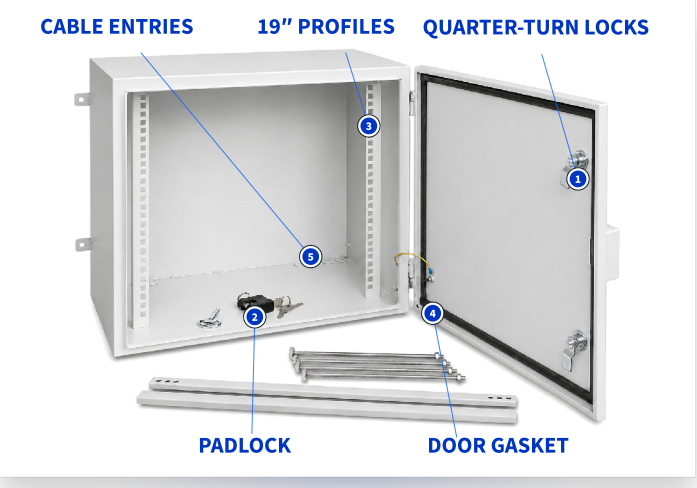
OUTDOOR ENCLOSURES

SN-BG
Rack Series-V

Outdoor 19″ Equipment Enclosure, Horizontal Mount, IP54

SN-BG Rack Series-V is a single-wall steel outdoor enclosure for 19″ equipment, mounted horizontally on two vertical profiles. One size, 9U. IP54.

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



Single-Wall Steel — CONSTRUCTION

Wall / Pole — MOUNTING

IP54 — PROTECTION

Standard 19″ — RACK STANDARD

1 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

CE | IP54 | EN 60529 | 2014/35/EU

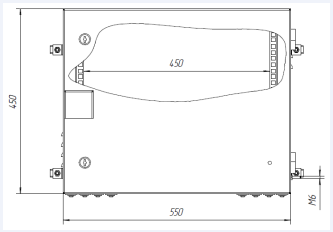
Powered by SteelNet

2 Size & Configuration Matrix

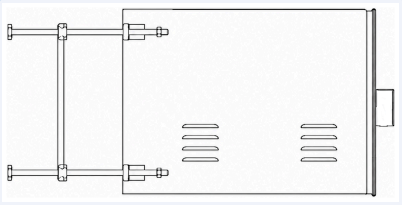
Model	Width (mm)	Height (mm)	Depth (mm)	Rack units	Cable entries	Net weight (kg)
SN-BG-WP-WD-19-9U-055-045-037-V	550 mm	450 mm	370 mm	9U	8 x Ø22	17.85 kg

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.

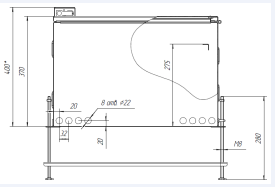
3 Technical Drawing



FRONT VIEW

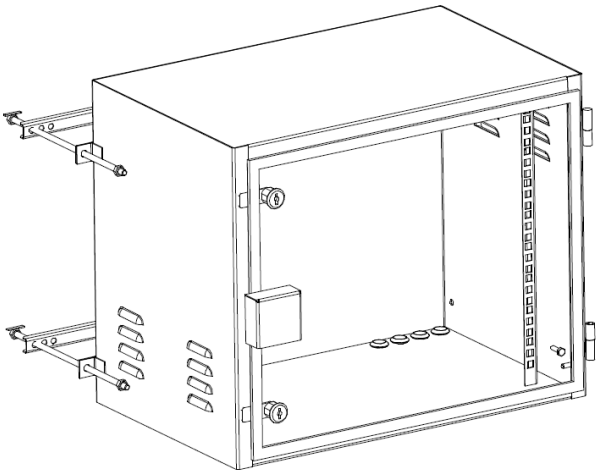


SIDE VIEW



BOTTOM VIEW

All four views are for the single model SN-BG-WP-WD-19-9U-055-045-037-V. The bottom view shows the 8 cable entries in the base.



GENERAL VIEW

4 Standards & Certification

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

5 Colour & Ordering

RAL 7035
Light grey

ORDERING CODE PATTERN

`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.