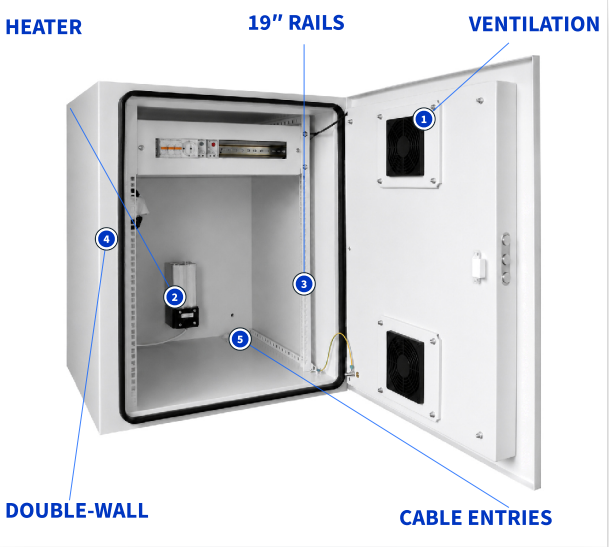
OUTDOOR ENCLOSURES

SN-SZTK
Fan-Cooled Series

Outdoor Wall-Mount Enclosure, IP54

Double-wall steel outdoor wall-mount enclosure for 19-inch telecommunications equipment, with non-combustible mineral-wool insulation, forced filtered ventilation and an integrated heater under thermostatic control. Adjustable 19-inch mounting rails. Wall or pole mounting.



Series	Fan-Cooled Series
Models	SN-SZTK-WM-WD-19-6U-065-06 · SN-SZTK-WM-WD-19-9U-065-06 · SN-SZTK-WM-WD-19-12U-065-06
Usable rack units	6U / 9U / 12U
Construction	Double-wall steel, A1 mineral-wool insulation
Climate control	Filtered forced ventilation + integrated heater
Mounting	Wall or pole

6 / 9 / 12 U HEIGHT

650 mm WIDTH

600 mm DEPTH

100 kg STATIC LOAD

IP54 PROTECTION

1 Key Features

Double-Wall Steel Construction
Inner and outer steel shells provide a robust insulated enclosure structure.

Thermostatic Control
Separate thermostats provide automatic control of the fan and heater.

A1 Mineral-Wool Insulation
Non-combustible insulation reduces heat loss in cold weather and limits heating in summer.

Filtered Ventilation
Upper fan extracts warm air; lower filtered inlet supplies outside air.

Integrated Heater
Integrated heater supports enclosure operation at low ambient temperatures.

19" Mounting Rails
Two 19-inch mounting rails with adjustable depth in 25 mm increments.

3U Electrical Control Panel
Pre-equipped with three circuit breakers, a power socket and separate mechanical thermostats for fan and heater control.

Enhanced Security Design
Concealed hinges, a door-to-body design that restricts tool access to the gap, and a three-bolt lever lock provide increased protection against forced access.

TYPICAL APPLICATIONS

- Outdoor Telecommunications Networks
- Mobile Network Infrastructure
- CCTV and Security Systems
- Industrial Communication Systems
- Remote Equipment Sites
- Outdoor Network Distribution Points

WHAT'S IN THE BOX

- 19" Mounting Rails
- 3U Electrical Control Panel
- Cooling Fan
- Dust Filters
- Heater
- Door Opening Sensor
- Stepped Rubber Grommets
- Mounting / Installation Kit

COMPATIBLE ACCESSORIES



Cable organizer | PDU | Shelf

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

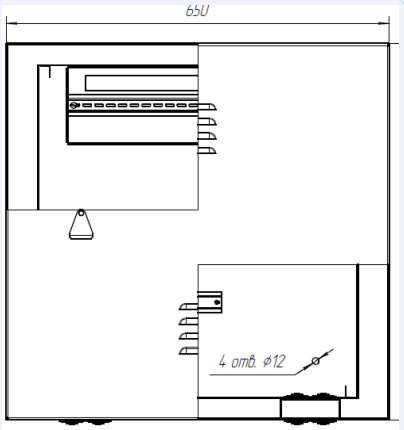
Powered by SteelNet

2 Size & Configuration Matrix

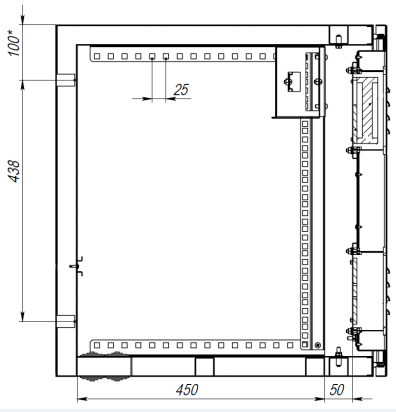
Model	Usable Rack Space (U)	Total Rack Capacity (U)	External Dimensions W × H × D (mm)	Usable Mounting Depth (mm)	Net Weight (kg)
SN-SZTK-WM-WD-19-6U-065-06	6 U	9 U	650 × 505 × 600 mm	450 mm	52.2 kg
SN-SZTK-WM-WD-19-9U-065-06	9 U	12 U	650 × 640 × 600 mm	450 mm	60.5 kg
SN-SZTK-WM-WD-19-12U-065-06	12 U	15 U	650 × 770 × 600 mm	450 mm	66.0 kg

The top 3U are permanently occupied by the factory-installed 3U electrical control panel; the stated usable U rating is the space available for customer equipment, and the total frame is 3U taller. Static load 100 kg for all models. Cable entries: stepped rubber grommets, 8 pcs, in the base. Weights are for the empty enclosure.

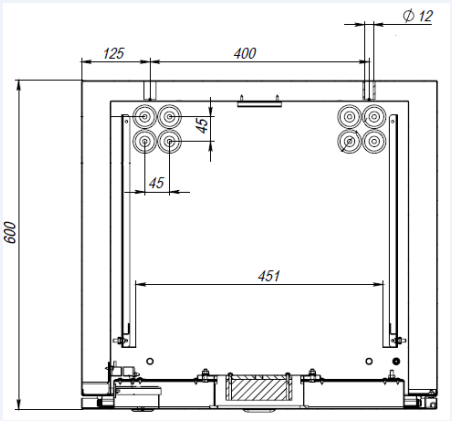
3 Technical Drawing



FRONT VIEW

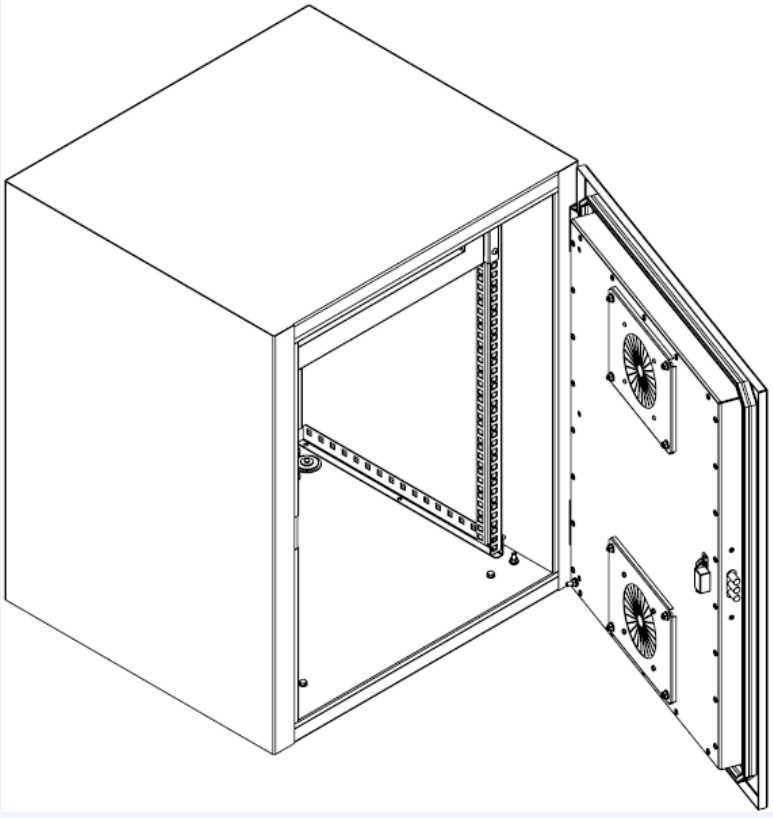


SIDE VIEW



TOP VIEW — ROOF REMOVED

The four views are generic for all three sizes; only the external height changes. The top view (roof removed) shows the eight cable entries.



GENERAL VIEW

4 Factory-Installed Equipment

Item	Specification	Qty
Cooling Fan	160 m³/h, 230 V AC	1 pc
Dust Filters	Replaceable dust-filter insert, 2–3 mm	2 pcs
Heater	200 W, 230 V AC	1 pc
Door Opening Sensor	Magnetic reed contact sensor	1 pc
Stepped Rubber Grommets	In the base	8 pcs
3U Electrical Control Panel	Occupies the top 3U of the frame	1 pc

5 3U Electrical Control Panel — Components

Component	Specification	Qty
Circuit Breaker	1P, 16 A	2 pcs
Circuit Breaker	1P, 6 A	1 pc
Cooling Thermostat	Mechanical	1 pc
Heating Thermostat	Mechanical	1 pc
DIN-Rail Schuko Socket	16 A, 230 V AC	1 pc
DIN-Rail Neutral Busbar	Insulated, 6 × 9 mm, 10 terminals	1 pc

6 Optional Equipment & Systems

Group	Includes
Sensors & Monitoring	Flood sensors, smoke sensors, vibration sensors, monitoring systems
Safety Systems	Door status monitoring, alarm signalling devices
Power Distribution & Protection	Additional circuit breakers, surge protection modules, sockets, generator inlet connectors, PDUs
Backup Power	Power supply systems, batteries

7 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

8 Colour & Ordering

RAL 7035
Light grey

ORDERING CODE PATTERN

`SN-SZTK-WM-WD-19-[U]U-065-06`

SN-SZTK Series name · **WM** Wall-mounted · **WD** Welded construction · **19** 19-inch rack standard · **065** External width 650 mm (fixed) · **06** External depth 600 mm (fixed)

[U] Usable 19-inch equipment height in rack units (frame is 3U taller): 6, 9, 12

EXAMPLE `SN-SZTK-WM-WD-19-9U-065-06`

= Fan-Cooled Series outdoor wall-mount enclosure, 9U usable equipment space, 650 mm wide, 600 mm deep, RAL 7035, IP54.

Width and depth are fixed; only the usable rack-unit height varies. There are no door or colour options.