OUTDOOR ENCLOSURES

SN-SZTK
Fan-Cooled Series

Outdoor Floor-Standing Enclosure, IP54

Double-wall steel outdoor floor-standing enclosure for 19-inch telecommunications equipment, with non-combustible mineral-wool insulation, filtered forced ventilation and an integrated heater under thermostatic control. Adjustable 19-inch mounting rails. Front and rear doors.

Series	Fan-Cooled Series
Models	SN-SZTK-FS-WD-19-24U-065-085 · SN-SZTK-FS-WD-19-33U-065-085 · SN-SZTK-FS-WD-19-42U-065-085
Usable rack space	21U / 30U / 39U
Construction	Double-wall steel, A1 mineral-wool insulation
Access	Front and rear doors
Climate control	Filtered forced ventilation + integrated heater
Mounting	Concrete foundation or support frame



24 / 33 / 42 U HEIGHT

660 mm WIDTH

850 mm DEPTH

800 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 fans extract warm air; lower filtered inlet supplies outside air.

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

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

Three-Point Locking System
Five-bolt lever lock with upper and lower locking rods secures the door at three points.

Floor Plinth with Fixing Holes
Fixing holes in the plinth allow the enclosure to be secured to a concrete foundation using suitable anchors.

TYPICAL APPLICATIONS

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

WHAT'S IN THE BOX

- 19" Mounting Rails
- 3U Electrical Control Panel
- Cooling Fan Units
- Heater
- Cable Entry Panel
- Door Opening Sensor
- Removable Roof
- Floor Plinth
- Key Set
- Technical Documentation

COMPATIBLE ACCESSORIES



Cable organizer | PDU | Shelf

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

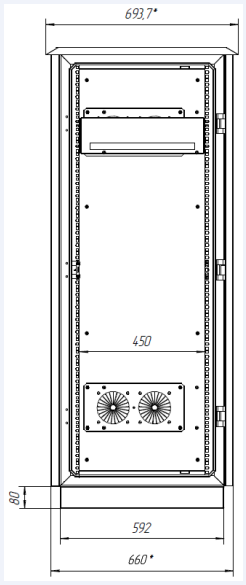
Powered by SteelNet

2 Size & Configuration Matrix

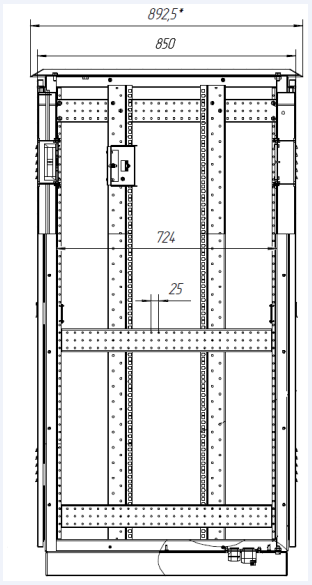
Model	Usable Rack Space (U)	Total Rack Capacity (U)	External Height (mm)	Cabinet Body Width (mm)	Cabinet Body Depth (mm)	Usable Mounting Depth (mm)	Net Weight (kg)
SN-SZTK-FS-WD-19-24U-065-085	21 U	24 U	1255 mm	660 mm	850 mm	600 mm	164.5 kg
SN-SZTK-FS-WD-19-33U-065-085	30 U	33 U	1658 mm	660 mm	850 mm	600 mm	199.5 kg
SN-SZTK-FS-WD-19-42U-065-085	39 U	42 U	2058 mm	660 mm	850 mm	600 mm	232.4 kg

The removable roof projects beyond the cabinet body; overall dimensions including the roof are shown in the technical drawings. The top 3U of the frame are permanently occupied by the factory-installed 3U electrical control panel. Net weight includes the removable roof. The removable roof is supplied separately from the enclosure body to reduce the risk of damage during transportation.

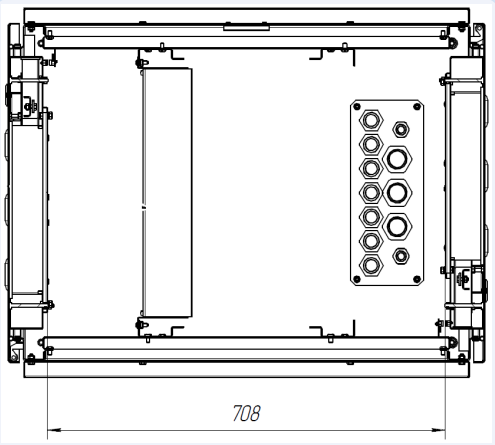
3 Technical Drawing



FRONT VIEW

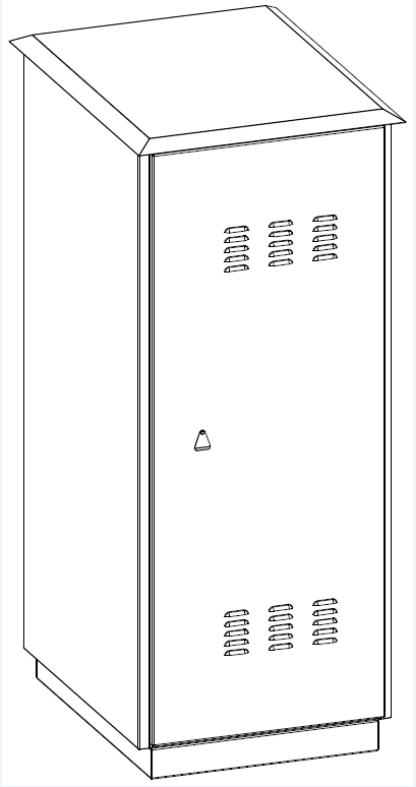


SIDE VIEW



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 cable entry panel in the base.



GENERAL VIEW

4 Factory-Installed Equipment

Item	Specification	Qty
Cooling Fan	160 m³/h, 230 V AC	4 pcs
Dust Filters	Replaceable dust-filter insert, 2–3 mm	8 pcs
Heater	400 W, 230 V AC	1 pc
Door Opening Sensor	Magnetic reed contact sensor	2 pcs
Cable Entry Panel	Fitted with 12 cable glands: 2 × PG13.5, 7 × PG21, 3 × PG29	1 pc
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-FS-WD-19-[U]U-065-085`

SN-SZTK Series name · **FS** Floor-standing · **WD** Welded construction · **19** 19-inch rack standard · **065** Cabinet body width 660 mm (fixed, nominal) · **085** Cabinet body depth 850 mm (fixed, nominal)

[U] Total rack frame capacity in rack units (usable space is 3U less): 24, 33, 42

EXAMPLE `SN-SZTK-FS-WD-19-33U-065-085`

= Fan-Cooled Series outdoor floor-standing enclosure, 33U total frame capacity (30U usable), 660 mm wide, 850 mm deep, RAL 7035, IP54.

Width and depth are fixed; only the total frame height varies. There are no door or colour options.