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Professional Data Center Product

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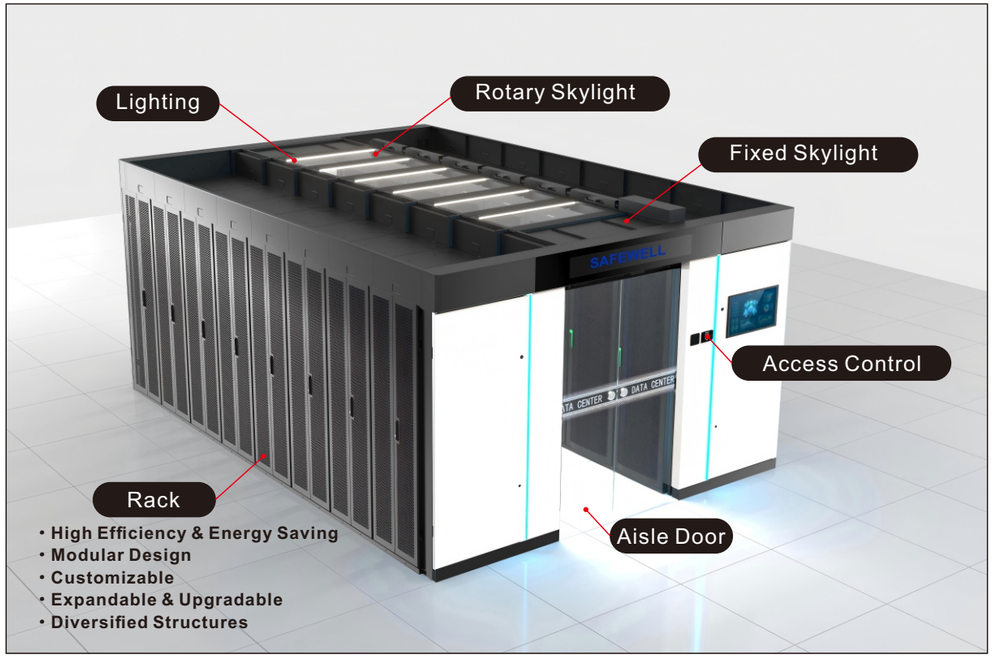
DATA CENTER SOLUTION

Aisle Containment System

Cold/Hot Aisle Containment System is a critical airflow management solution in data centers designed to optimize cooling efficiency. Server racks are arranged in an alternating "face-to-face, back-to-back" configuration, combined with aisle doors, skylights, and sealing panels to form a cold and hot aisle layout. This design physically separates the supply of cold air from the hot exhaust generated by IT equipment, thereby improving cooling efficiency and reducing energy consumption.



Aisle Containment System Components

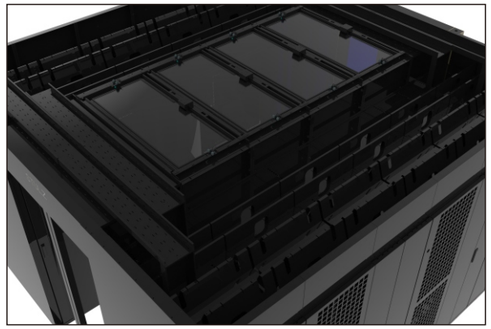
Aisle Door

- Full-automatic, semi-automatic, and manual sliding doors, as well as semi-automatic and manual swing doors available.
- Embedded Sliding Door Frame: Highly integrates dynamic environment displays, access control systems, lighting switches, environmental monitoring hosts, RGB ambient lighting, and door header displays, delivering both elegant aesthetics and comprehensive functionality.
- Automatically unlocks or forcibly opens upon fire alarm activation.
- Various access controllers which are card reader, keypad, or fingerprint.

Skylight

- Rotary, fix and one-click reset roof ceiling available.
- Forcibly opens upon fire alarm activation.
- Optional LED lighting module integration.

Cable Management For Data Center



Overhead Cable Troughs

Fixed to the top of the cabinet, it is used to guide the transmission of power cables and data cables at the top of the cabinets.

- Modular design supports flexible module combinations.
- Power cables and data cables are managed separately to prevent interference.
- Tool-less snap-lock installation, reduces deployment workload.

Wire Mesh Cable Tray And Fiber Duct

In data centers, various common wire mesh cable tray components and fiber duct components are all available.

Other Aisle Containment System

Hot Aisle Containment

Rack-Independent Aisle Containment

Mini Data Center

Our company transformed the computer room technology to an integrated Mini Data Center solutions with in house UPS power supply, Precision Air-conditioning, access control system, lightning protection, remote monitoring, fire protection, emergency ventilation, etc. The system is integrated to provide IT equipment with safe and reliable operation support. Now data center one-stop deployment and operation management is lot easier with integrated Mini Data Center.

Application
Financial Business Outlets, Government, Education, Medical Care, Transportation, Small and Medium-Sized Enterprise, Commercial Super Retail, Etc. No Special Machine Room Required.

Features

High efficiency
Energy saving and efficient power supply is achieved through cold and hot airtight isolation. Power Usage Effectiveness (PUE) will be less than 1.2.

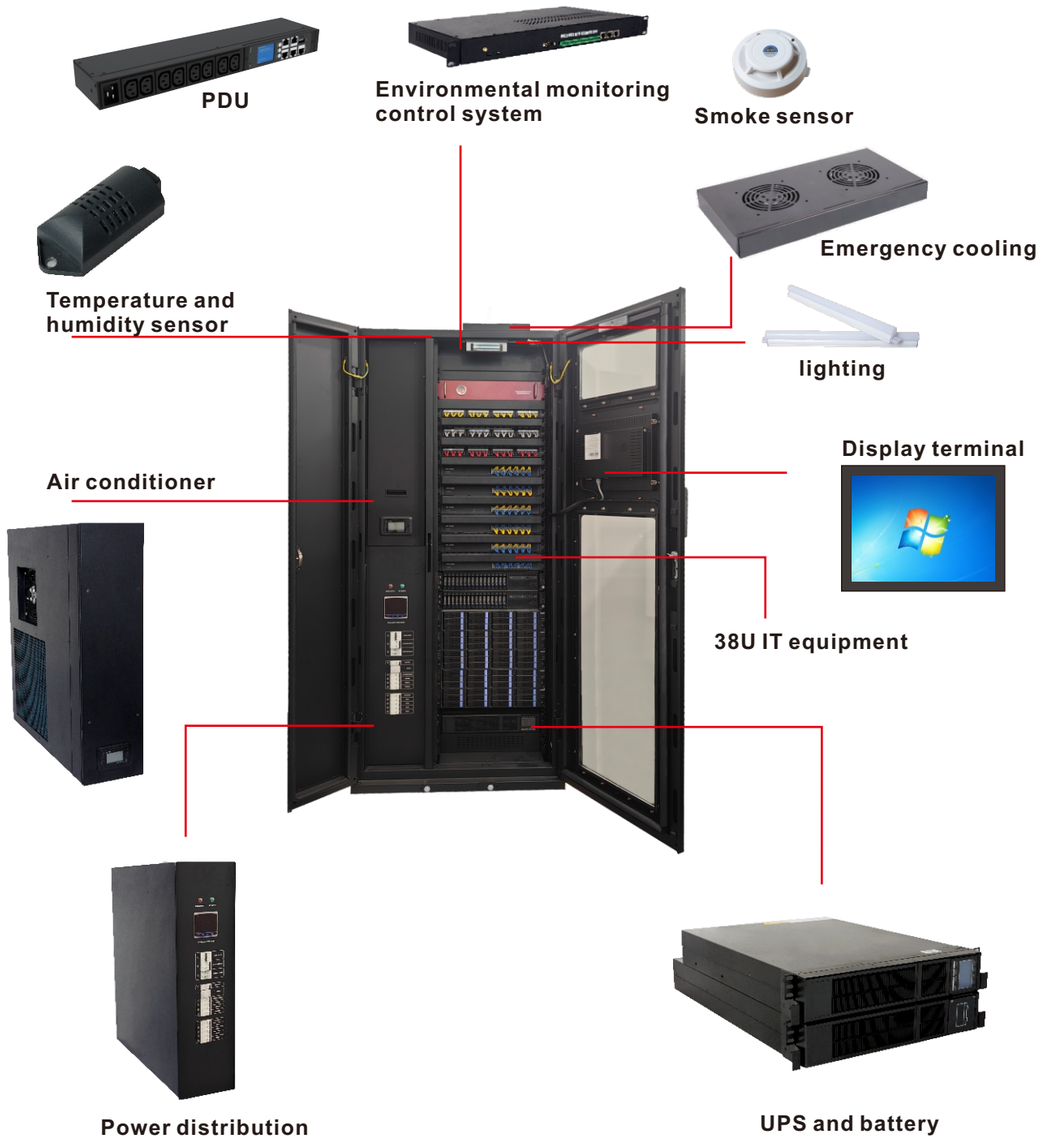
Quick deployment
Out of the box pre-installed components. No need to set up the room, AC, Monitoring, Fire protection etc. Just need a power line to plug in play the MDC and its ready for use. MDC with external AC outdoor unit just need to connect with a power line and connect with MDC internal system.

Simplify operations
15 inch in built LCD display with windows operating system for simple operation of MDC environment and management. The interface is simple and can achieve custom seamless expansion.

Low environmental requirements
No need to install raised floor or require special room to build data center. It can even simply put in your office room, meeting room or any other non-hazardous environments.

Flexible capacity expansion
Seamless and fast expansion is possible and can be implemented in short time.

Component



Techincal Specifications

MDC-1T1R3K14		
Rack	Width*Depth*Height	870*1200*2000mm
	U space	42U
	Load capacity	1500 kgs
	Emergency intake fan	Temperature-controlled fan
	Emergency exhaust fan	Temperature-controlled fan
Air conditioner	Air conditioner type	Air cooled package type cooling unit
	Mount type	Tower type
	Cooling capacity	3KW
	Variable frequency	√
Power	Power distribution module	110-240Vac/1Ph , 50/60Hz
	UPS	3KVA,2U rack-mounted
	Battery	5-10mins
	PDU	2pcs*Horizontal PDU
Fire protection	Rack-mounted Gas Fire Extinguishing System	Temperature sensing,≥68℃(Optional)
Environmental monitoring system	Monitoring system	Linux, with 15'' Touch Screen
	Monitoring object	UPS, battery packs, air conditioners, power distribution, temperature and humidity sensors, water leakage detectors, smoke detectors, access control, video···
Available space	IT load	2.4KW
	Available space for devices	≤32U

Multi-Cabinet Combination

Model	MDC-1T2R6K
IT Capacity	4.8KW
UPS	6KVA
AC QTY.	2PCS
Cooling Capacity	3+3KW
User Available Space	29U+42U
Dimension(mm)	1470*1200*2200

Model	MDC-1T3R10K
IT Capacity	7KW
UPS	10KVA
AC QTY.	1PC
Cooling Capacity	7.5KW
User Available Space	21U+42U+42U
Dimension(mm)	2070*1200*2200

Outdoor Integrated Power Cabinet

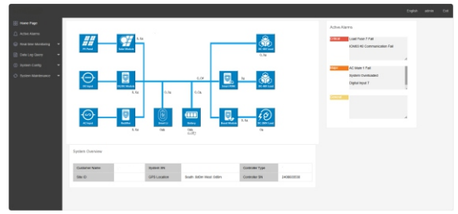
Outdoor Integrated Power Cabinet is a comprehensive solution designed for outdoor scenarios such as 5G base stations and networking, providing power distribution and storage in a compact, all-in-one unit. Equipped with dustproof and waterproof features, temperature control, and intelligent management systems, it includes power management (AC/DC distribution, rectifiers, inverters , etc.), battery, Smart monitoring & control, and thermal management (air conditioning, heat exchangers, fans).
Ideal for remote areas, outdoor operations, communication base stations, and emergency environments, it delivers reliable power support for industries including telecommunications, energy, transportation, government, military, healthcare, and scientific research.

Features

- High protection rating IP55, suitable for harsh outdoor environments.
- Wide input voltage range 80~300Vac, ultra-wide operating temperature range - 40~+65°C, comprehensive lightning protection on AC and DC sides.
- High-efficiency module efficiency>96%,supporting hot-swappable and modular expansion.
- Complete power system management functions, including data acquisition & processing, battery management, and system solution monitoring & control.
- Various thermal management systems (air conditioning, fans, heat exchangers) to match cooling requirements for different regions and devices.

Power Supply

- 48V DC Modular AC & DC Power Distribution



Monitoring Systems

- Management Environmental Monitoring
- Alarm Management
- Power & Battery Monitoring Sensors: door opening, smoke detector, humidity sensor, temperature sensor etc.

Battery

- Lithium iron phosphate battery
- Equipped with BMS system

Thermal management

- IP55 Outdoor Air conditioner
- Fan & Filter Systems/heat exchange is optional.

POWER CABINET

Parameters

System Input	
Input Voltage	220 / 380VAC three phase four wire,compatible with 220VAC single-phase (single-phase rectifier module:85VAC~ 300VAC)
Input Frequency	50Hz/60Hz (45Hz ~ 65Hz)
Lightning protection	L-N,N-E,8/20μs,In=20Ka (Class B SPD optional)
Input Setting	Configure (mains + generator) two-way AC input,manual switching,and mixed insertion of forward line solar modules.
System Output	
Output Voltage	220Vac (90VAC~275VAC) 43.2Vdc~58Vdc; Output setpoint 54Vdc or 57VDC
Output Frequency	Solar module:3000W Boost module: 3000W Rectifier module / DC power access module:4000W(75A) / 3000W(50A)
Efficiency	Rectifier module:≥95%;Solar module:≥97%;Boost module:≥93%;DC power access module peak efficiency:≥96%
Environmental Requirements	
Operating	10°C~50°C (rated output);
Temperature Range	40°C~70°C (Operating and storage temperature)
Altitude	≤3000m,>3000m derating use
Working relative humidity	Working relative humidity ≤ 90%; Storage and transportation relative humidity ≤ 95%
Mechanical Parameters	
Dimension(mm)	600W*600D*2000H、800W*800D*2000H
Protection Rating	IP55
Main components of the system	Intelligent power supply unit (rectifier module,solar module,DC power access module,boost module,monitoring module,power distribution module),intelligent lithium battery unit,DC air conditioning unit (indoor cabinet is not included)
Monitoring function	Multi input module collaborative management,multi output power distribution management,intelligent lithium battery management

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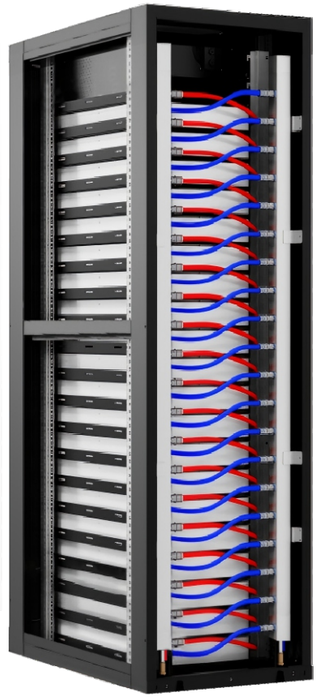
LIQUID-COOLED PRODUCT

Liquid-Cooled Product

Liquid Cooling Server Cabinet

Liquid Cooling Server Rack is specifically designed for high-density computing scenarios (such as AI intelligent computing, supercomputing centers, and high-performance computing). It features an ultra-high-strength frame structure with a static load capacity of up to 2,500 kg and supports standard 52U rack specifications. The rear sides are equipped with manifolds (distribution units) to connect to the liquid cooling system, along with high-power PDU (Power Distribution Unit) configurations, providing a stable operating environment for cold-plate liquid-cooled servers.



CoolLoop RDHx

CoolLoop RDHx is a rear-door heat exchanger specifically designed for high-density IT applications, providing an efficient and room-temperature-compliant cooling solution. With a compact footprint, it delivers up to 85 KW of cooling capacity. By utilizing a liquid-to-liquid heat exchanger, it effectively manages high heat loads, enhancing free cooling efficiency and reducing energy consumption. Equipped with high-performance fans, it ensures rapid heat dissipation for optimal thermal management。

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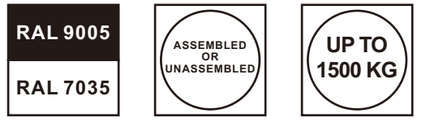
NETWORK / SERVER RACK CABINET

Standing Server Rack
SS01 Series

The SS01 Series server rack is an exceptional rack solution engineered for complex data center environments.

- It accommodates servers from various brands, delivering optimal compatibility. The 19'' mounting rails feature adjustable depth settings, enabling effortless customization of equipment installation depth.
- Tool-free removable segmented side panels facilitate post-installation maintenance operations.
- Both front and rear mesh doors achieve up to 78% ventilation efficiency, ensuring unimpeded airflow within the cabinet. Multiple cable access points and integrated management features enable flawless cable organization.
- Modular frame structure designed for flat-pack packaging, reducing shipping and warehouse space volume by 60%.

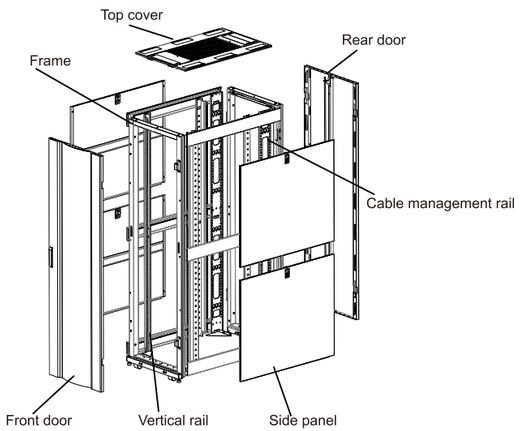


COLOR

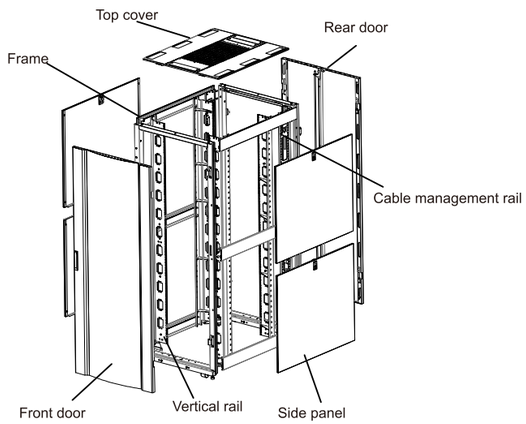
PACKAGING

MAX. STATIC LOAD

Technical Drawing



600mm Width



800mm Width

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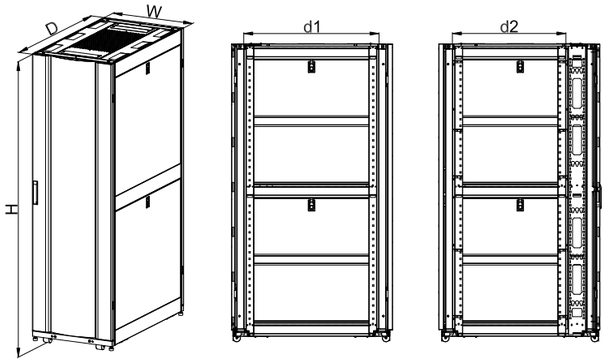
NETWORK / SERVER
RACK CABINET

Main Dimension



Order Information

Part NO.	Width(W) (mm)	Depth(D) (mm)	Height(H) (mm)	Height (U)	Max. installation distance(mm)	
					d1	d2(incl. PDU bar)
SS01-6624	600	600	1191	24	435	304
SS01-6824	600	800	1191	24	635	504
SS01-61024	600	1070	1191	24	905	774
SS01-6637	600	600	1770	37	435	304
SS01-6837	600	800	1770	37	635	504
SS01-61037	600	1070	1770	37	905	774
SS01-6642	600	600	1992	42	435	304
SS01-6842	600	800	1992	42	635	504
SS01-61042	600	1070	1992	42	905	774
SS01-61242	600	1200	1992	42	1035	904
SS01-6648	600	600	2259	48	435	304
SS01-6848	600	800	2259	48	635	504
SS01-61048	600	1070	2259	48	905	774
SS01-61248	600	1200	2259	48	1035	904
SS01-8824	800	800	1191	24	635	504
SS01-8842	800	800	1992	42	635	504
SS01-81042	800	1070	1992	42	905	774
SS01-81242	800	1200	1992	42	1035	904
SS01-8848	800	800	2259	48	635	504
SS01-81048	800	1070	2259	48	905	774

High-Capacity Server Rack SS12 Series

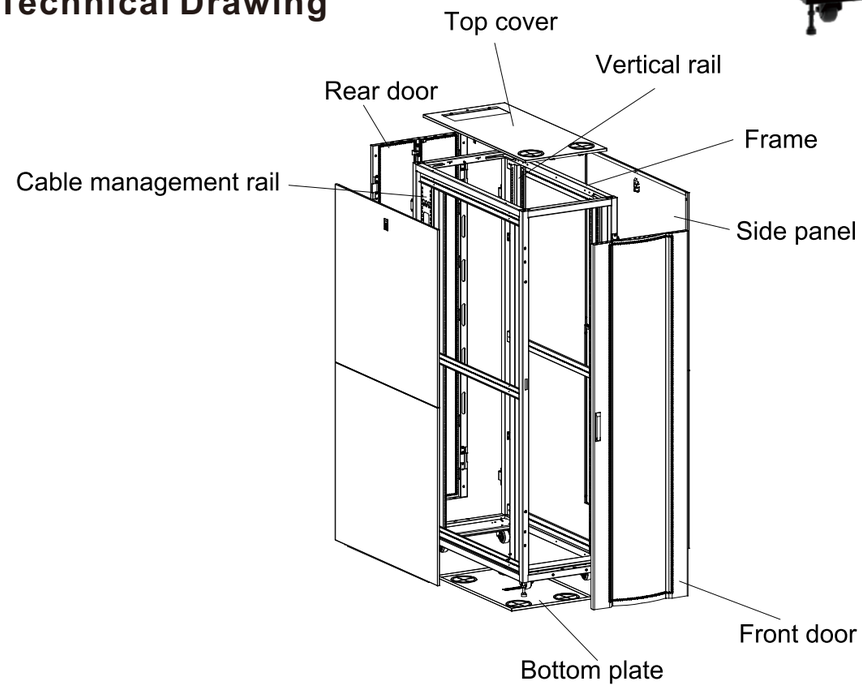
Featuring a fully welded frame structure and high-ventilation mesh doors, SS12 Series Rack deliver ultra-high load-bearing capacity and superior heat dissipation, making them ideal for high-density deployment environments such as supercomputing data centers and AI data centers.

- High-strength welded frame with a static load capacity of 2000 kg and a dynamic load capacity of 1200 kg.
- It accommodates servers from various brands, delivering optimal compatibility. The 19'' mounting rails feature adjustable depth settings, enabling effortless customization of equipment installation depth.
- Tool-free removable segmented side panels facilitate post-installation maintenance operations.
- Both front and rear mesh doors achieve up to 85% ventilation efficiency, ensuring unimpeded airflow within the cabinet. Multiple cable access points and integrated management features enable flawless cable organization.

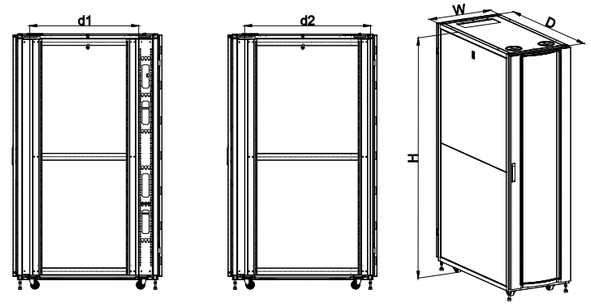
RAL 9005
RAL 7035
COLOR

UP TO 2000 KG
MAX. STATIC LOAD

Technical Drawing



Main Dimension



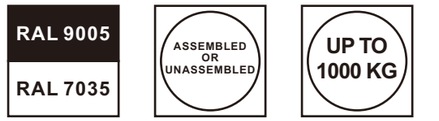
Order Information

Part NO.	Width(W) (mm)	Depth(D) (mm)	Height(H) (mm)	Height (U)	Max. installation distance(mm)	
					d1	d2(incl. PDU bar)
SS12-61242	600	1200	2049	42	1058	932
SS12-61442	600	1400	2049	42	1256	1130
SS12-6148	600	1000	2316	48	860	734
SS12-61248	600	1200	2316	48	1058	932
SS12-61448	600	1400	2316	48	1256	1130
SS12-61252	600	1200	2494	52	1058	932
SS12-61452	600	1400	2494	52	1256	1130
SS12-8142	800	1000	2049	42	860	734
SS12-81242	800	1200	2049	42	1058	932
SS12-81442	800	1400	2049	42	1256	1130
SS12-8148	800	1000	2316	48	860	734
SS12-81248	800	1200	2316	48	1058	932
SS12-81448	800	1400	2316	48	1256	1130
SS12-81252	800	1200	2494	52	1058	932
SS12-81452	800	1400	2494	52	1256	1130

ECO Standing Server Rack
SS06 Series

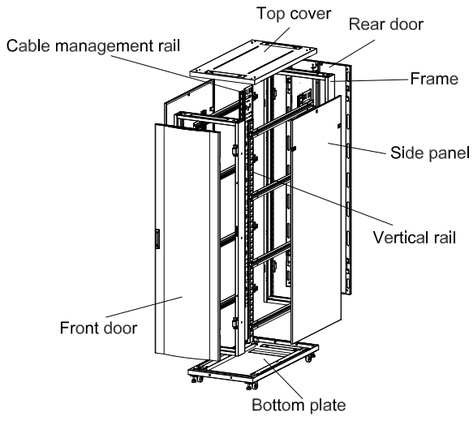
The SS06 Series Server Cabinet is an economical rack solution specifically designed for data center environments.

- It accommodates servers from various brands, delivering optimal compatibility. The 19'' mounting rails feature adjustable depth settings, enabling effortless customization of equipment installation depth.
- Tool-free removable segmented side panels facilitate post-installation maintenance operations.
- Both front and rear mesh doors achieve up to 78% ventilation efficiency, ensuring unimpeded airflow within the cabinet. Multiple cable access points and integrated management features enable flawless cable organization.
- Modular frame structure designed for flat-pack packaging, reducing shipping and warehouse space volume by 60%.

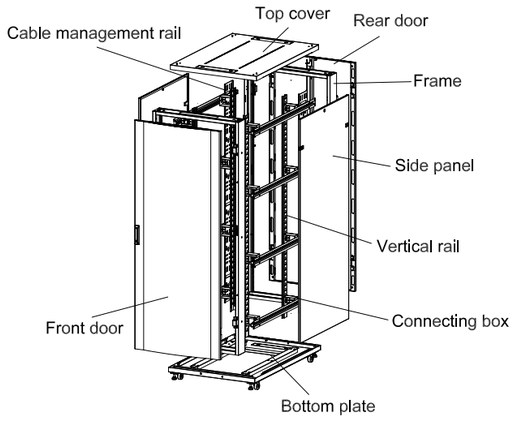


COLOR | PACKAGING | MAX. STATIC LOAD

Technical Drawing



600mm Width



800mm Width

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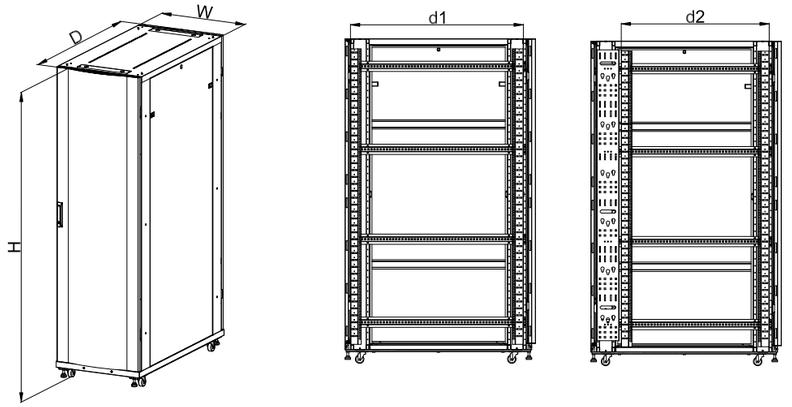
NETWORK / SERVER RACK CABINET

Main Dimension



Order Information

Part NO.	Width(W) (mm)	Depth(D) (mm)	Height(H) (mm)	Height (U)	Max. installation distance(mm)	
					d1	d2(incl. PDU bar)
SS06-6132	600	1000	1643	32	926	794
SS06-61132	600	1100	1643	32	1026	894
SS06-61232	600	1200	1643	32	1126	994
SS06-6142	600	1000	2087	42	926	794
SS06-61142	600	1100	2087	42	1026	894
SS06-61242	600	1200	2087	42	1126	994
SS06-6147	600	1000	2309	47	926	794
SS06-61147	600	1100	2309	47	1026	894
SS06-61247	600	1200	2309	47	1126	994
SS06-8132	800	1000	1643	32	926	794
SS06-81132	800	1100	1643	32	1026	894
SS06-81232	800	1200	1643	32	1126	994
SS06-8142	800	1000	2087	42	926	794
SS06-81142	800	1100	2087	42	1026	894
SS06-81242	800	1200	2087	42	1126	994
SS06-8147	800	1000	2309	47	926	794
SS06-81147	800	1100	2309	47	1026	894
SS06-81247	800	1200	2309	47	1126	994

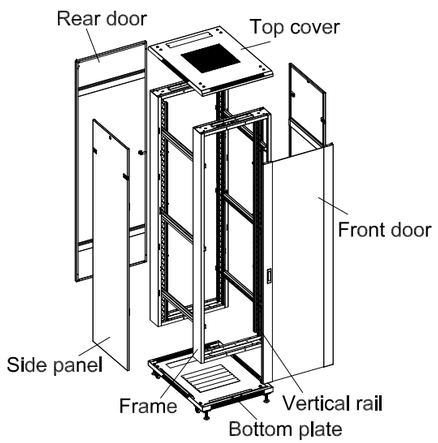
Standing Network Rack
SN01 series

SN01 Series Cabinet is an economical and efficient network rack system, specifically designed for medium to high density cabling and equipment storage in IT environments and data centers.

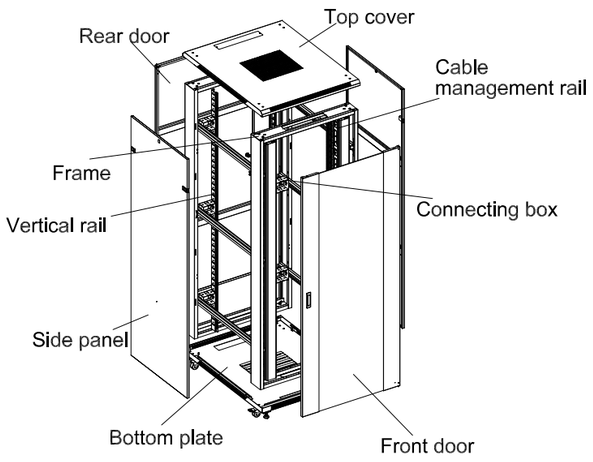
- Safewell offer a variety of cable management accessories for flexible configuration. Combined with its extensive cable management devices, it provides you with the optimal cabling solution.
- The adjustable 19" mounting rails and removable side panels offer greater compatibility and convenience for user equipment installation.
- The front door features a highly transparent tempered glass design, allowing users to visually inspect internal equipment. Safewell also offer many door style options for customers to choose from.
- Its modular assembly design allows for optional flat-pack packaging, saving up to 60% in transportation volume and warehouse space.

COLOR PACKAGING MAX. STATIC LOAD

Technical Drawing



600mm Width



800mm Width

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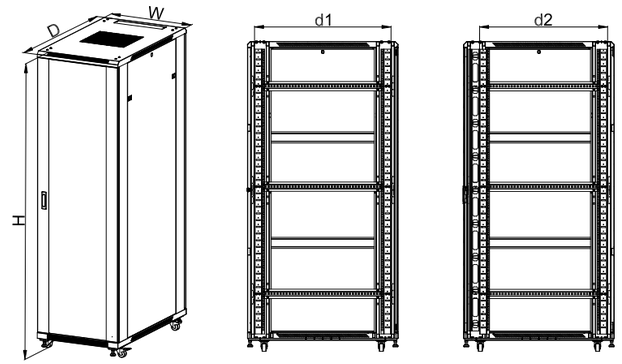
NETWORK / SERVER RACK CABINET

Main Dimension



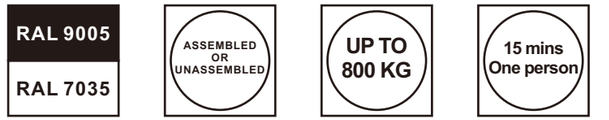
Order Information

Part NO.	Width(W) (mm)	Depth(D) (mm)	Height(H) (mm)	Height (U)	Max. installation distance(mm)	
					d1	d2(incl. PDU bar)
SN01-6618	600	600	988	18	505	/
SN01-6622	600	600	1166	22	505	/
SN01-6822	600	800	1166	22	705	/
SN01-6627	600	600	1388	27	505	/
SN01-6827	600	800	1388	27	705	/
SN01-6632	600	600	1611	32	505	/
SN01-6832	600	800	1611	32	705	/
SN01-6637	600	600	1833	37	505	/
SN01-6837	600	800	1833	37	705	/
SN01-6137	600	1000	1833	37	905	/
SN01-6642	600	600	2055	42	505	/
SN01-6842	600	800	2055	42	705	/
SN01-6142	600	1000	2055	42	905	/
SN01-6647	600	600	2277	47	505	/
SN01-6847	600	800	2277	47	705	/
SN01-6147	600	1000	2277	47	905	/
SN01-8837	800	800	1833	37	668	646
SN01-8842	800	800	2055	42	705	646
SN01-8142	800	1000	2055	42	905	846
SN01-8847	800	800	2277	47	705	646
SN01-8147	800	1000	2277	47	905	846

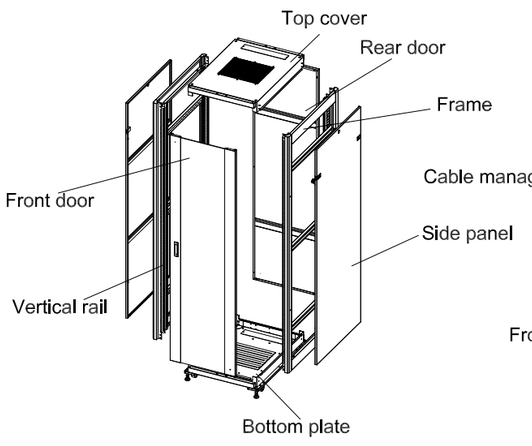
Quick Assembly Network Rack SN06 series

The SN06 Series Cabinet is a quick assembly network rack system, specifically designed for medium to high-density cabling and equipment storage in IT environments and data centers.

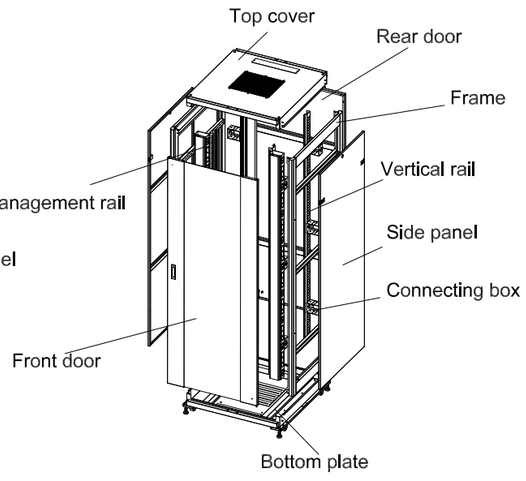
- We offer a variety of cable management accessories for flexible configuration. Combined with its extensive cable management devices, it provides you with the optimal cabling solution.
- The adjustable 19" mounting rails and removable side panels offer greater compatibility and convenience for user equipment installation.
- The front door features a highly transparent tempered glass design, allowing users to visually inspect internal equipment. We also offer multiple door style options for customers to choose from.
- The modular assembly design allows for optional flat-pack packaging, saving up to 50% in transportation volume and warehouse space.



Technical Drawing



600mm Width



800mm Width

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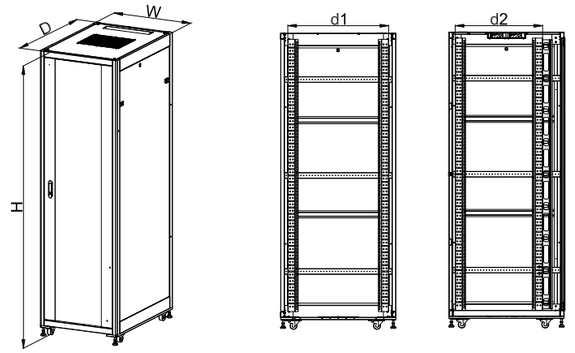
NETWORK / SERVER RACK CABINET

Main Dimension



Order Information

Part NO.	Width(W) (mm)	Depth(D) (mm)	Height(H) (mm)	Height (U)	Max. installation distance(mm)	
					d1	d2(incl. PDU bar)
SN06-6618	600	600	990	18	510	/
SN06-6622	600	600	1168	22	510	/
SN06-6822	600	800	1168	22	710	/
SN06-6627	600	600	1390	27	510	/
SN06-6827	600	800	1390	27	710	/
SN06-6632	600	600	1613	32	510	/
SN06-6832	600	800	1613	32	710	/
SN06-6637	600	600	1835	37	510	/
SN06-6837	600	800	1835	37	710	/
SN06-6137	600	1000	1835	37	910	/
SN06-6642	600	600	2057	42	510	/
SN06-6842	600	800	2057	42	710	/
SN06-6142	600	1000	2057	42	910	/
SN06-6647	600	600	2279	47	510	/
SN06-6847	600	800	2279	47	710	/
SN06-6147	600	1000	2279	47	910	/
SN06-8837	800	800	1835	37	710	654
SN06-8842	800	800	2057	42	710	654
SN06-8142	800	1000	2057	42	910	854
SN06-8847	800	800	2279	47	710	654
SN06-8147	800	1000	2279	47	910	854

COLO Server Rack
SS02 Series

The SS02 Series Cabinet is a high-performance server rack specifically designed for medium-to-high density data center leasing and colocation. A single cabinet is effectively divided into multiple independent compartments, enabling tenants to share one cabinet, maximizing space utilization in data centers, server rooms, or network environments.

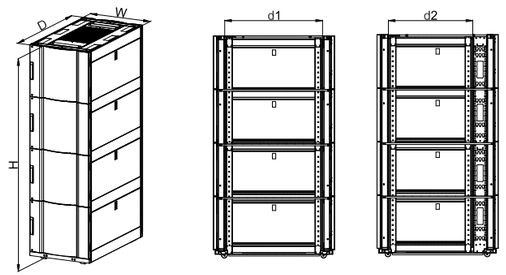
- Each compartment has independent front doors, rear doors, and removable side panels to better protect tenant assets' security and privacy.
- Perforated front/rear doors with 78% ventilation rate ensure smooth airflow inside the cabinet, equipped with dedicated combination locks for effective theft prevention.

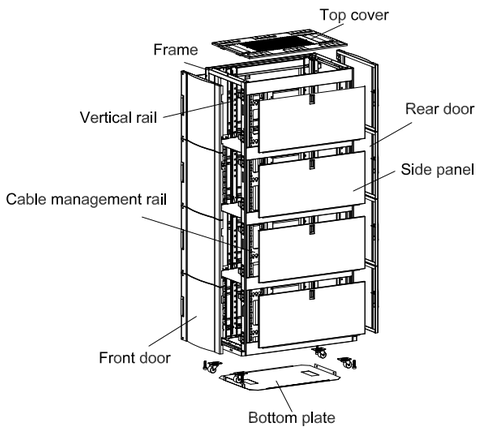
RAL 9005 / RAL 7035 — COLOR

ASSEMBLED OR UNASSEMBLED — PACKAGING

UP TO 1500 KG — MAX. STATIC LOAD

Technical Drawing





Order Information

Part NO.	Width(W) (mm)	Depth(D) (mm)	Height(H) (mm)	Height (U)	Max. installation distance(mm)	
					d1	d2(incl. PDU bar)
SS02-61042-D4	600	1070	1992	42	876	756
SS02-61048-D4	600	1070	2259	48	876	756

COLO Network Rack
SN02 Series

The SN02 Series Cabinet is an economy rack specifically designed for data center colocation and hosting services. Individual cabinets are effectively segregated into multiple independent compartments, enabling tenants to share a single cabinet, thereby maximizing space utilization in data center, server room, or network environments.

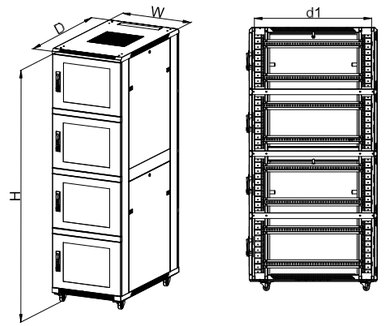
- Each compartment has independent front doors and rear doors to better protect tenant assets' security and privacy. Independent 19'' adjustable-depth mounting rails to accommodate the installation of equipment with various depths.
- Perforated front/rear doors ensure smooth airflow inside the cabinet, equipped with dedicated combination locks for effective theft prevention.

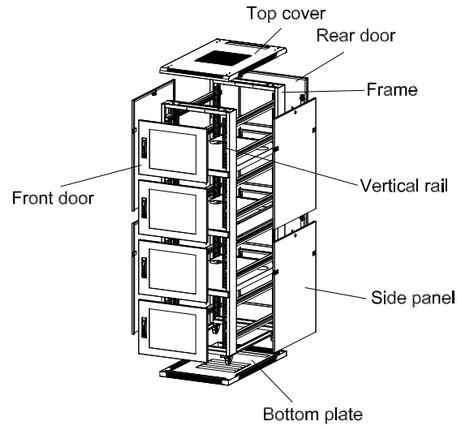
RAL 9005 / RAL 7035 — COLOR

ASSEMBLED OR UNASSEMBLED — PACKAGING

UP TO 800 KG — MAX. STATIC LOAD

Technical Drawing



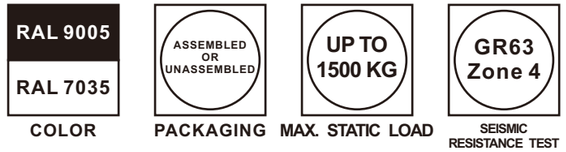


Order Information

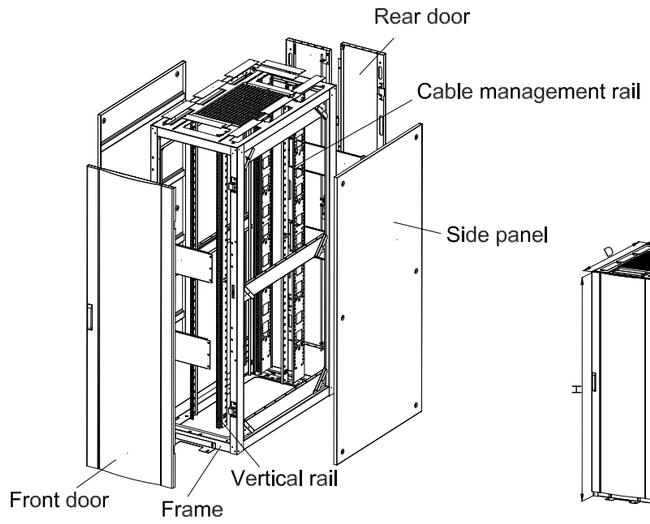
Part NO.	Width(W) (mm)	Depth(D) (mm)	Height(H) (mm)	Height (U)	Max. installation distance(mm)	
					d1	d2(incl. PDU bar)
SN02-6642-D4	600	600	2055	42	515	/
SN02-6842-D4	600	800	2055	42	715	/
SN02-6142-D4	600	1000	2055	42	915	/
SN02-8842-D4	800	800	2055	42	715	/
SN02-8142-D4	800	1000	2055	42	915	/

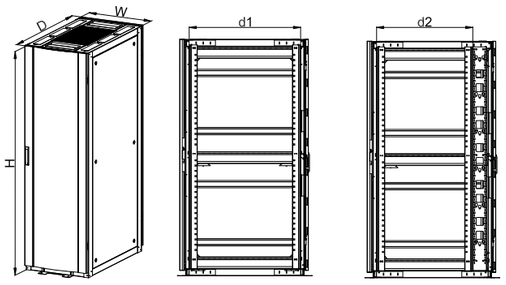
Seismic Server Rack
SS07 Series

The SS07 Seismic Cabinet is engineered to withstand seismic forces, It meets the NEBS test standard GR-63-CORE Zone 4. It designed for essential facilities and carrier applications in seismic environments.



Technical Drawing





Order Information

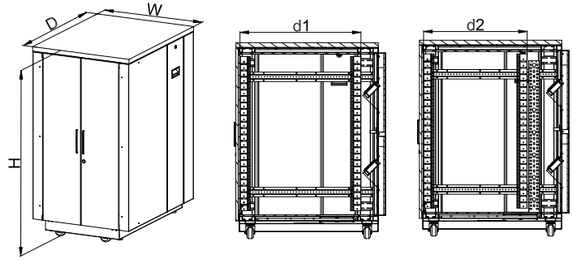
Part NO.	Width(W) (mm)	Depth(D) (mm)	Height(H) (mm)	Height (U)	Max. installation distance(mm)	
					d1	d2(incl. PDU bar)
SS07-61042	600	1070	1992	42	939	811

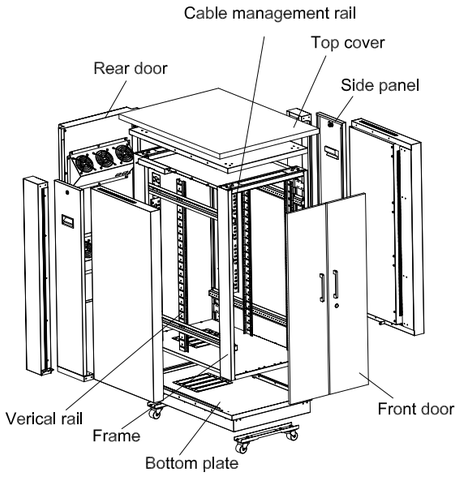
Soundproof Cabinet
SN03 Series

When space and budget constraints prevent the construction of traditional equipment rooms, the SN03 series soundproof cabinet emerges as your optimal solution. Its noise-reduction technology and stylish furniture-inspired design allow seamless integration even in customer-facing environments. Perfect for banks, retail stores, medical facilities, classrooms, and office.

- 18-20 dB broadband noise reduction, measured 1.0 m in front of the enclosure.
- All-in-one design: equipped with fans, integrated cable managers, just add IT Equipment.

Technical Drawing



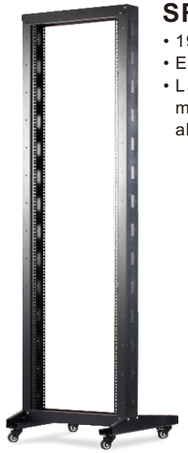


Order Information

Part NO.	Width(W) (mm)	Depth(D) (mm)	Height(H) (mm)	Height (U)	Max. installation distance(mm)	
					d1	d2(incl. PDU bar)
SN03-71018	750	1040	1091	18	800	706
SN03-71024	750	1040	1358	24	800	706
SN03-71042	750	1040	2160	42	800	706

Open Frame Rack

Open Frame Racks offer a quality and cost-effective solution for installing rack-mountable equipment where security at the individual rack level is not required. Add high-density vertical cable managers for maximum cable volume.



SR01 Series

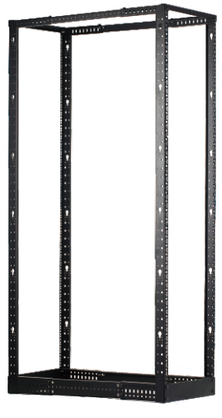
- 19" single frame rack
- Equipped with 4 casters for easy mobility.
- Large holes on the frame sides enable quick cable management; an optional dedicated cable management tray is also available for cable organization.

SR02 Series

- The 19" double frame rack features enhanced structural stability, with equipment mountable on both front and rear frames.
- Equipped with 4 casters for easy mobility.
- Large holes on the frame sides enable quick cable management; an optional dedicated cable management tray is also available for cable organization.

SR03 Series/SR03005 Series

- 19'' 2-post steel construction rack.
- Prior to equipment installation, the rack must be secured to the floor.
- Multiple tool-less mounting points for cable management and PDU.
- Material: cold rolled sheet or aluminum.



SR04 Series

- 19'' 4-post steel construction rack.
- Depth adjustable from 22'' to 40'',paired with adjustable-depth shelves that support placement of oversized devices.
- Multiple tool-less mounting points for cable managers and PDU.
- Easily integrates modular combinations to form multi-rack configurations.

Order Information

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)
SR01 Series				
SR01-6622	600	600	1183	22
SR01-6632	600	600	1628	32
SR01-6637	600	600	1850	37
SR01-6642	600	600	2072	42
SR01-6647	600	600	2294	47
SR02 Series				
SR02-6622	600	600	1189	22
SR02-6632	600	600	1633	32
SR02-6637	600	600	1856	37
SR02-6642	600	600	2078	42
SR02-6647	600	600	2300	47
SR03 Series(Cold Roled Sheet)				
SR03-5322	514	364	1116	22
SR03-5325	514	364	1249	25
SR03-5342	514	364	2005	42
SR03-5345	514	364	2138	45
SR03005 Series (Aluminum)				
SR03005-5322	514	364	1116	22
SR03005-5325	514	364	1249	25
SR03005-5342	514	364	2005	42
SR03005-5345	514	364	2138	45
SR04 Series				
SR04-5512	516	567~1024	673	12
SR04-5522	516	567~1024	1117	22
SR04-5525	516	567~1024	1251	25
SR04-5527	516	567~1024	1340	27
SR04-5542	516	567~1024	2007	42
SR04-5545	516	567~1024	2140	45

Slide-Out Rack/Desktop Open Frame Rack

Slide-Out Rack
SR08 Series

The slide-out rack designed for 19" standard equipment, constructed from durable 3.0mm thick SPCC. It supports wall-mounted or recessed installation and features the innovative heavy duty extendable rail system, allowing easy access to the rear of equipment for maintenance and cable management. Ideal for data centers, broadcast, security, and industrial applications.

- Supports up to 24U equipment, meeting high-density deployment needs.
- Square perforations compatible with snap-in cage nuts for flexible and tool-free installation.
- Smooth extension and rotation with 45° and 90° locking angles for easy servicing.
- Dual-position locking (extended/retracted) ensures stability and security.

Desktop Open Frame Rack
SR05 Series

The desktop open frame rack is ideal for use on a workbench or in the back room of small office spaces without dedicated wiring closets.Store your lightweight, rack-mountable equipment - patch panel/data/AV/communication/studio equipment.

Open Frame AV Rack
SR09 Series

The open-frame AV rack is a mounting solution designed specifically for audiovisual (AV) equipment, featuring an open structure that delivers optimized airflow and versatile hardware configuration capabilities. It is suitable for residential, commercial, and data center environments.

- Wall-mounted and floor-standing installation options are available.
- Modular structure allows for quick and convenient assembly.
- Dual-type mounting rails can meet M6 square holes and 10-32 or 12-24 Threaded Holes

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NETWORK / SERVER RACK CABINET

Order Information

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)
SR08 Series Slide-Out Rack				
SR08-5412	503	489	611	12
SR08-5418	503	489	883	18
SR08-5424	503	489	1145	24

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)
SR05 Series Desktop Open Frame Rack				
SR05-5208	503	296	409	8
SR05-5212	503	296	577	12

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)
SR09 Series Open Frame AV Rack				
SR09-5512	518	513	707	12
SR09-5515	518	513	842	15
SR09-5520	518	513	1062	20

Note:
Optional product components and accessories,Please refer to page* 71-82 *.
For detailed product information, please contact our sales team.

GVPower
Smart Power Management

WALL MOUNTED SOLUTION

Flat-Packed Wall Mounted Cabinet

Flat-packed wall mounted cabinet is an ideal lightweight deployment solution for edge computing equipment. Features compact packaging dimensions, simplified assembly, and delivers all necessary deployment functionality and reliability.

Flat-Packed Wall Mounted Cabinet SM01001 Series

- Optional flat-pack packaging, saving up to 60% in transportation volume and warehouse space.
- 19" rack mount with adjustable depth, removable side panels, a viewable front door, cable access holes, and ventilation holes for fans.
- Compatible with various SAFEWELL accessories and multiple door assembly styles.

Quick-Installation Wall Mounted Cabinet SM04 Series

- Pre-engineered structural design enables frame completion with only 8 pcs screws. Installation requires only just two minutes per unit by a single operator.
- Optional flat-pack packaging, saving up to 50% in transportation volume and warehouse space.
- 19" rack mount with adjustable depth, removable side panels, a viewable front door, cable access holes, and ventilation holes for fans.
- Compatible with various SAFEWELL accessories and multiple door assembly styles.

GVPower
Smart Power Management
WALL MOUNTED SOLUTION

Order Information

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)	Max. installation distance(d1)(mm)
SM01001 Series Flat-Packed Wall Mounted Cabinet					
SM01001-6406	600	450	370	6	382
SM01001-6506	600	500	370	6	432
SM01001-6606	600	600	370	6	532
SM01001-6409	600	450	503	9	382
SM01001-6509	600	500	503	9	432
SM01001-6609	600	600	503	9	532
SM01001-6412	600	450	637	12	382
SM01001-6512	600	500	637	12	432
SM01001-6612	600	600	637	12	532
SM01001-6415	600	450	770	15	382
SM01001-6515	600	500	770	15	432
SM01001-6615	600	600	770	15	532
SM01001-6418	600	450	903	18	382
SM01001-6518	600	500	903	18	432
SM01001-6618	600	600	903	18	532

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)	Max. installation distance(d1)(mm)
SM04 Series Quick-Installation Wall Mounted Cabinet					
SM04-6406	600	450	370	6	311
SM04-6506	600	500	370	6	361
SM04-6606	600	600	370	6	461
SM04-6409	600	450	503	9	311
SM04-6509	600	500	503	9	361
SM04-6609	600	600	503	9	461
SM04-6412	600	450	635	12	311
SM04-6512	600	500	635	12	361
SM04-6612	600	600	635	12	461

Welded Wall Mounted Cabinet

The welded wall mounted cabinet features a robust welded frame, offering high strength and stability, making it an edge computing solution capable of heavy-duty deployment.

Single Wall Mounted Cabinet SM03 Series

- High-strength single-frame structure
- 19" mounting rails with adjustable depth, removable side panels, a viewable front door, cable access holes, and ventilation holes for fans.
- Compatible with various SAFEWELL accessories and multiple door assembly styles.

RAL 9005
RAL 7035
COLOR

UP TO 90 KG
MAX. STATIC LOAD

Double Wall Mounted Cabinet SM02 Series

- Double-frame structure, the equipment frame supports 90° rotational movement.
- 19" mounting rails with adjustable depth, removable side panels, a viewable front door, cable access holes, and ventilation holes for fans.
- Compatible with various SAFEWELL accessories and multiple door assembly styles.

RAL 9005
RAL 7035
COLOR

UP TO 60 KG
MAX. STATIC LOAD

Dual-Section Heavy-Duty Wall Mounted Cabinet SM13 Series

- High-strength Double-frame structure, the equipment frame supports 90°rotational movement.
- Depth-adjustable 19'' mounting brackets accommodating variable-depth devices.
- Mesh front door, mesh side door and ventilation holes for fans design provides ventilation within the cabinet.
- Pre-drilled mounting holes on top and bottom allow for optional casters, enabling mobility.

RAL 9005
RAL 7035
COLOR

UP TO 90 KG
MAX. STATIC LOAD

Order Information

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)	Max. installation distance(d1)(mm)
SM03 Series Single Wall Mounted Cabinet					
SM03-6406	600	450	370	6	396
SM03-6506	600	500	370	6	446
SM03-6606	600	600	370	6	546
SM03-6409	600	450	500	9	396
SM03-6509	600	500	500	9	446
SM03-6609	600	600	500	9	546
SM03-6412	600	450	635	12	396
SM03-6512	600	500	635	12	446
SM03-6612	600	600	635	12	546
SM03-6415	600	450	770	15	396
SM03-6515	600	500	770	15	446

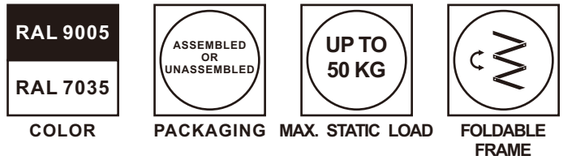
Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)	Max. installation distance(d1)(mm)
SM02 Series Double Wall Mounted Cabinet					
SM02-6506	600	450+100	370	6	410
SM02-6606	600	500+100	370	6	460
SM02-6509	600	450+100	500	9	410
SM02-6609	600	500+100	500	9	460
SM02-6512	600	450+100	635	12	410
SM02-6612	600	500+100	635	12	460
SM02-6515	600	450+100	770	15	410
SM02-6615	600	500+100	770	15	460
SM02-6518	600	450+100	900	18	410
SM02-6618	600	500+100	900	18	460

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)	Max. installation distance(d1)(mm)
SM13 Series Dual-Section Heavy-Duty Wall Mounted Cabinet					
SM13-6506S	600	450+100	370	6	409
SM13-6606S	600	500+100	370	6	508
SM13-6509S	600	450+100	503	9	409
SM13-6609S	600	500+100	503	9	509
SM13-6512S	600	450+100	635	12	409
SM13-6612S	600	500+100	635	12	509

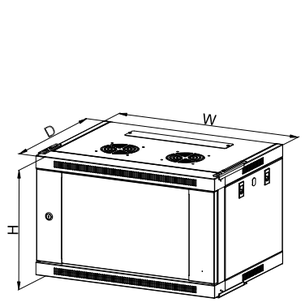
Foldable Wall Mounted Cabinet
SM23 Series

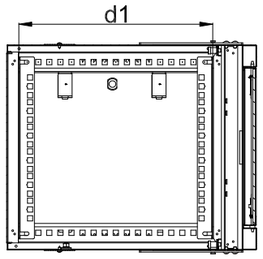
The unique foldable frame structure enables tool-free, hardware-free assembly through simple interlocking connections. A single operator can complete setup within 1 minute.

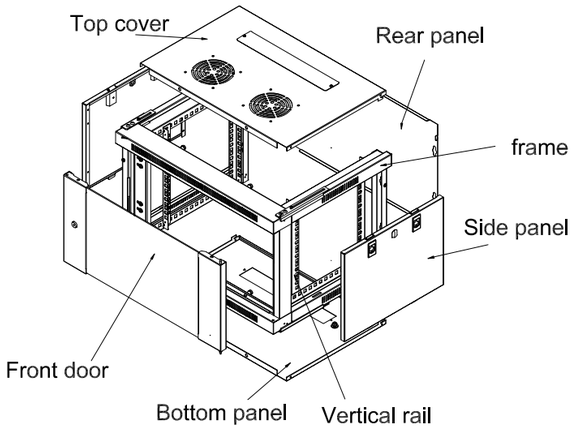
- Flat-packed design reduces transportation volume and warehouse space volume by 60%.
- The foldable wall cabinet supports switchable configurations between single-section and double-section layouts.
- Supports lightweight edge deployment with comprehensive features: device compatibility, cable management, cooling fans, and multiple front door variants···



Technical Drawing







Order Information

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)	Max. installation distance(d1)(mm)
SM23-6406	600	450	370	6	350
SM23-6409	600	450	500	9	350
SM23-6509	600	500	500	9	400
SM23-6512	600	500	635	12	400
SM23-6612	600	600	635	12	500
SM23-6606S	600	450+150	370	6	350
SM23-6609S	600	450+150	500	9	350
SM23-6609FS	600	500+150	500	9	400
SM23-6612FS	600	500+150	635	12	400

SOHO Wall Mounted Cabinet

The SOHO wall-mounted cabinet is specially designed to provide an economical and efficient solution for the lightweight storage of network equipment in small offices or at home.

SOHO Welded Wall Mounted Cabinet
SM11 Series

- Welded frame structure
- Removable side panels and adjustable 19" mounting rails .
- Full-view tempered glass door

SOHO Flat-packed Wall Mounted Cabinet
SM18 Series

- Flat-packed design reduces transportation volume and warehouse space volume by 60%.
- Full-view tempered glass door

Order Information

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)	Max. installation distance(d1)(mm)
SM11 Series SOHO Welded Wall Mounted Cabinet					
SM11-5606	540	595	350	6	486
SM11-5609	540	595	483	9	486
SM11-5612	540	595	617	12	486
SM11-5615	540	595	750	15	486

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)	Max. installation distance(d1)(mm)
SM18 Series SOHO Flat-packed Wall Mounted Cabinet					
SM18-5406	540	450	350	6	322
SM18-5409	540	450	483	9	322
SM18-5412	540	450	617	12	322

Vertical Wall Mounted Cabinet

The vertical wall mounted cabinet is the ideal solution for small installations in tight spaces.Unique vertical deployment solution enables ultra-compact depth installation capabilities.

SM14 Series

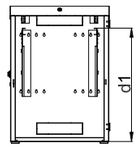
- Configure two pairs of 19" mounting rails , height-adjustable and rotatable rails.
- Multiple cable access points are distributed vertically; the base supports the installation of cooling fans.
- Front door structural design with adjustable opening direction based on requirements.

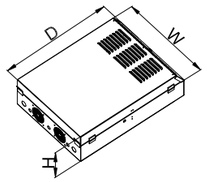
Technical Drawing

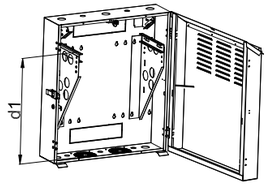
RAL 9005

RAL 7035

COLOR







SM14005 Series

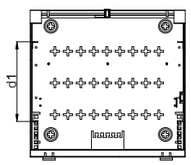
- Configure two pairs of 19" mounting rails, comprising vertical and horizontal rails.
- Cable management holes with wire fixing function and ventilation holes for fan cooling are distributed on both sides.
- The front cover design includes a latching mechanism to maintain a secured position during operation and maintenance.
- A transparent viewing window allows for direct observation of the internal equipment status.

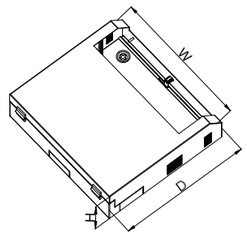
Technical Drawing

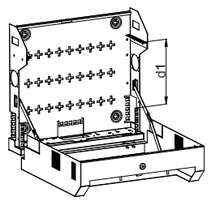
RAL 9005

RAL 7035

COLOR







Order Information

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)	Max. installation distance(d1)(mm)
SM14 Series					
SM14-6802	643	883	114	2U+1U	741
SM14-6804	643	883	203	4U+2U	741
SM14-6806	643	883	292	6U+2U	741

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)	Max. installation distance(d1)(mm)
SM14005 Series					
SM14005-5403	500	475	140	3U+2U	258

Other Wall Mounted Cabinet

Security Wall Mounted Cabinet SM09 Series

The security wall mounted cabinet is designed for all IT applications where safety of the equipment installed inside is at the first place.Resistance class (RC) 4 - 10 minutes protection - according to the normative DIN EN 1627 about Security and burglary resistance.

10" Wall mounted cabinet SM07 Series

The 10-inch wall-mounted cabinet is specifically designed for deploying IT equipment with a width of 10'' or narrower.

ECO Wall Mounted Cabinet SM10 Series

The ECO Wall Mounted Cabinet have been specifically designed to provide a cost-effective solution for network distribution applications such as small offices either at work or at home.

Order Information

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)
SM09 Series Security Wall Mounted Cabinet				
SM09-5403	566	411	195	3
SM09-5406	566	411	328	6
SM09-5409	566	411	461	9
SM07 Series 10" Wall Mounted Cabinet				
SM07-3306	312	300	350	6
SM07-3309	312	300	483	9
SM07-3312	312	300	616	12
SM10 Series ECO Wall Mounted Cabinet				
SM10-5304	540	362	207	4
SM10-5306	540	362	296	6

Other Wall Mounted Cabinet

Notebook Wall Mounted Cabinet SM16 Series

The notebook wall mounted cabinet is ideal for organizing notebooks and IT equipment in educational, medical, or exhibition settings. The fixed compartment features dedicated shelves for peripherals like computer mice, pens, and other accessories.

Vertical Wall Mounted Cabinet SM22 Series

This cabinet is the ideal solution for those looking for a small cabinet with extended protection features, which is additionally characterized by vertical installation of devices and easy removal of a large number of wires.It is suitable as a protective rack for equipment in alarm security systems, CCTV monitoring, or various computer network components.

Flush Wall Mounted ONU Cabinet SM22005 Series

The flush wall mounted ONU Cabinet organizes hardware like routers, switches, and servers, maximizing space in tight areas. The cabinet offers durability and protection while keeping equipment easily accessible. Its compact size makes it ideal for small rooms or corridors where floor space is scarce. The cabinet ensures a streamlined layout for networking devices.

Order Information

Part NO.	Width (W)(mm)	Depth(D)(mm)	Height(H)(mm)
SM 16 Series Notebook Wall Mounted Cabinet			
SM16-601356F	600	135	560

Part NO.	Width (W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)
SM22 Series Vertical Wall Mounted Cabinet				
SM22-5302	540	120	355	2

Part NO.	Width (W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)
SM22005 Series Flush Wall Mounted ONU Cabinet				
SM22005-6111	640	150	640	11
SM22005-6215	640	200	840	15

Patch Panel Bracket

The patch panel bracket stores and organizes standard 19-inch patch panels and other rack mounted networking equipment in network wiring closets, back offices and other areas where you're doing the job with limited floor space.

Hinged Wall Mounted Bracket SD01 Series

- Hinged design for easy access to configuration buttons, ports and cables, and to the rear of the mounted equipment for easy adjustment

Folding Adjustable Depth Wall Mounted Bracket SD01002 Series

- Foldable design saves space during transport and storage.
- Adjustable depth accommodates IT equipment of various sizes.

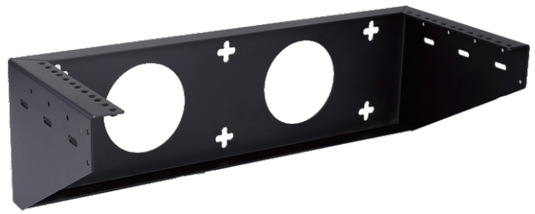
Order Information

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)
SD01 Series Hinged Wall Mounted Bracket				
SD01-3002	500	305	91	2
SD01-3003	500	305	135	3
SD01-3004	500	305	180	4
SD01-3006	500	305	269	6

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)
SD01002 Series Folding Adjustable Depth Wall Mounted Bracket				
SD01002-2304	491	237-377	192	4
SD01002-2306	491	237-377	281	6

Vertical Wall Mounted Bracket

Lightweight yet extremely reliable, this vertical wall mounted bracket is the right solution where space doesn't allow for conventional racking -- under a desk or workstation (where it mounts horizontally), on a smaller wall, or on almost any other even surface.



Vertical Wall Mounted Bracket SD02 Series

- Welded structure with high loading.
- High cable management entry.

Folding Vertical Wall Mounted Bracket SD02005 Series

- Foldable design saves space during transport and storage.
- Detachable top and bottom crossbars serve as blanking panel.

Order Information

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)
SD02 Series Vertical Wall Mounted Bracket				
SD02-1502	514	152	117	2
SD02-1503	514	152	161	3
SD02-1504	514	152	206	4
SD02-1506	514	152	295	6

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)
SD02005 Series Folding Vertical Wall Mounted Bracket				
SD02005-1002	510	104	116	2
SD02005-1003	510	104	160	3
SD02005-1004	510	104	206	4
SD02005-1006	510	104	294	6

Wall Mounted Open Frame rack SD03 Series

The wall mounted open frame rack offers superior strength and structural intensity. This server rack is ideal for home networks, AV, as well as for mounting patch panels, rack-mounted power strips, shelves, and all other standard 19" server rack-mount equipment.

Order Information

Part NO.	Width(W)(mm)	Depth(D)(mm)	Height(H)(mm)	Height(U)
SD03 Series Wall Mounted Open Frame rack				
SD03-4006	506	402	347	6
SD03-4009	506	402	480	9
SD03-4012	506	402	613	12

Note:
Optional product components and accessories,Please refer to page* 71-82 *.
For detailed product information, please contact our sales team.