



SKYDNE SERVER ENCLOSURES



SSE – 1000D Series

Medium Density Closed Rack Solutions

CAT/SSE/1000D/2024/01

Overview

The SSE 1000D Series from Skydne Global Solutions offers medium-density, closed-rack solutions tailored for high-performance environments. These server enclosures are crafted with top-quality materials, built to meet stringent ISO certifications, and designed to balance robust security, optimized airflow, and adaptable configurations.



Each unit is constructed with high-grade, powder-coated welded steel, ensuring durability in data centers, telecom hubs, and laboratory environments. Whether your needs involve housing networking equipment, AV setups, or sensitive data infrastructure, the SSE 1000D Series provides a versatile foundation.

KEY FEATURES

OPTIMIZED AIRFLOW AND COOLING



Perforated Doors Maximize Natural Airflow, Helping Reduce Cooling Costs.
Top-Mounted Fan Module Provisions Ensure Active Cooling For High-Density Installations.



ADVANCED SECURITY

Lockable Doors With Options For Biometric/Keypad Access Provide Robust Asset Protection.
Removable Side Panels With Secure Locks Allow Easy Maintenance While Ensuring Security.

HIGH LOAD CAPACITY



Static Load Support Up To 1250 K G (With Levelers) Or 750 Kg (With Heavy-Duty Casters).
Shock-Absorbing Casters And Secure Brakes Facilitate Stability And Easy Mobility.

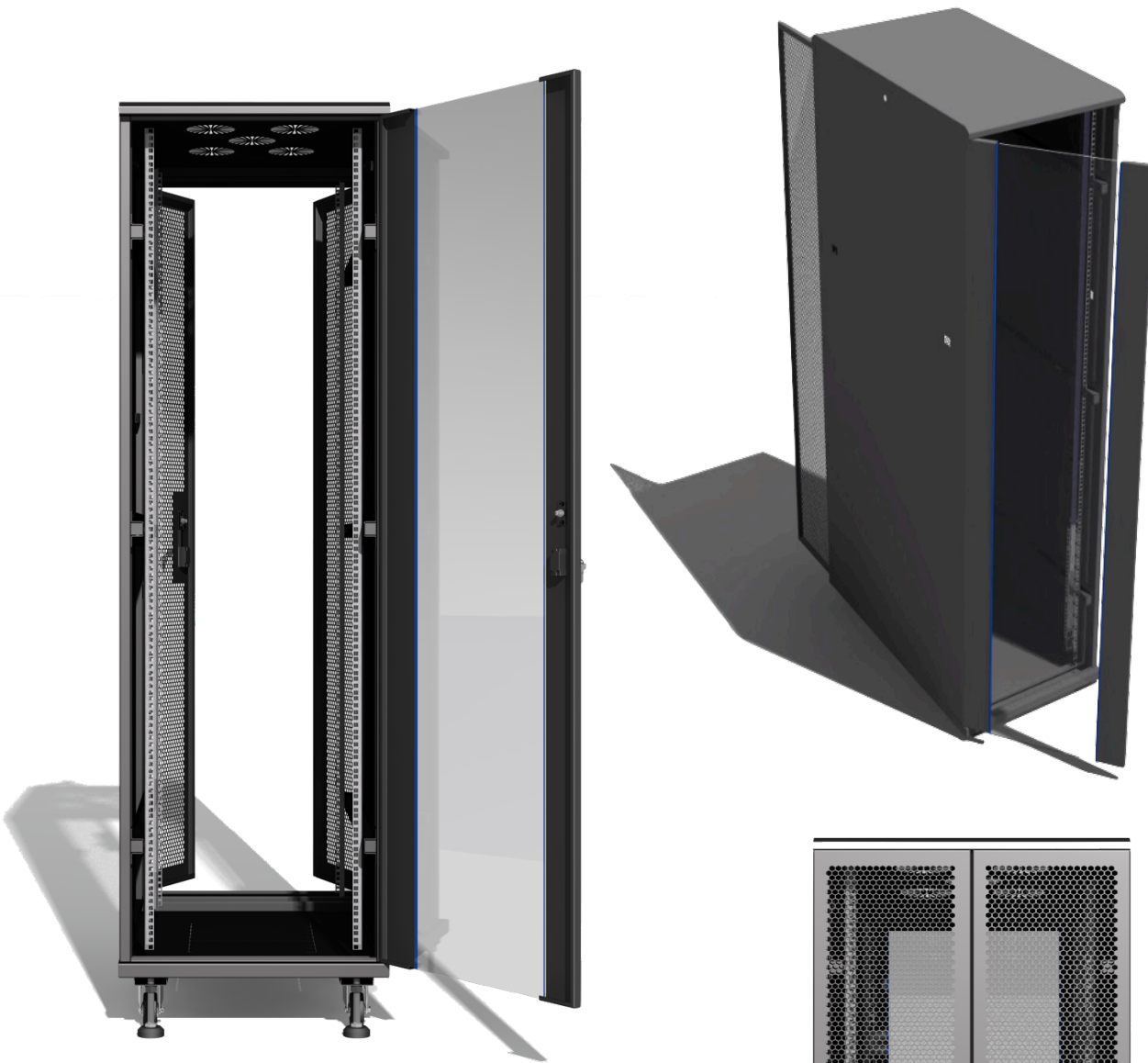


MODULAR AND ADJUSTABLE DESIGN

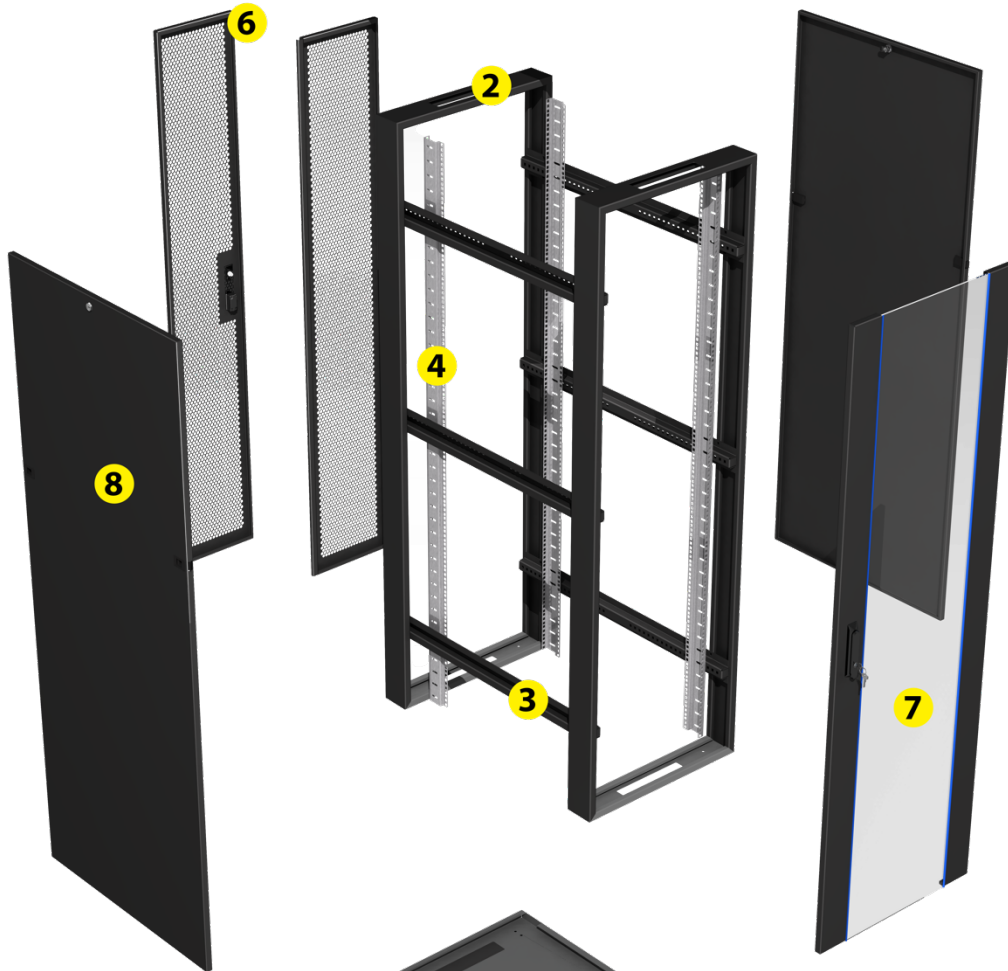
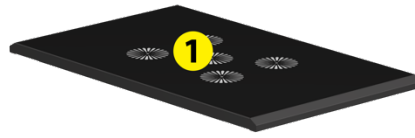
Tool-Free Adjustments Of Mounting Rails And Shelves.
Flexible Depth Configurations Support Various Equipment Sizes And Setups.

Available in 6RU~52RU Variants with 650, 800,1000 & 1200 Depth configurations and 600 Width configurations.

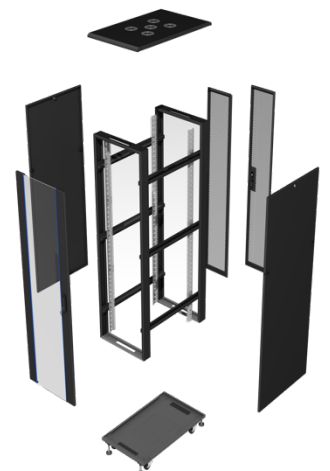
GLASS DORR DESIGN



PERFORATED DOOR DESIGN



- 1** Top Panel
- 2** Frame
- 3** Mounting Beam
- 4** Vertical Mounting Rails
- 5** Castor
- 6** Perforated Door Dual
- 7** Glass Door
- 8** Sidepanel
- 9** Bottom Panel



EXPANDED VIEW

MEDIUM DENSITY CLOSED RACK SOLUTIONS

BS - MODEL

SSE SERIES	H	h	W	w	w1	D
SSE 1000D	2050	1867	600	19"	450	1000

DETAILED SPECIFICATIONS

ATTRIBUTE	SSE 600X1000
RACK UNITS (RU)	42U
WIDTH X DEPTH	600 mm x 1000 mm
MOUNTING STANDARD	19" EIA-310 compliant
STATIC LOAD CAPACITY	1250 kg
DYNAMIC LOAD CAPACITY	750 kg (with heavy-duty casters)
MATERIAL & FINISH	Welded steel, powder-coated
VENTILATION SYSTEM	Top-mounted fan tray, vented doors
DOOR OPTIONS	Toughened glass, perforated steel
COLOUR OPTIONS	Standard black or custom
CERTIFICATIONS	ISO 9001, ISO 27001, ASTM standards

ABBREVIATIONS

- H** - Frame height
- h** - Usable height
- W** - Overall width
- w** - Usable width
- D** - Overall Depth
- d** - Usable Depth
- w1** - Usable width Between Front MTG. Angles
- d1** - Usable Depth From Mounting Angle to Angle

NOTE

- **Total Height:** Includes frame height plus plinth or caster.
- **Load Distribution:** Recommended to evenly distribute weight across U spaces within the rack.
- **Dimensions:** All measurements are provided in millimeters (mm)

BS - MODEL DEPTH MATRIX

Height (mm)	Usable Height (mm)	Width (mm)	Usable Width (mm)	Depth (mm)	Usable Depth (mm)
2050	1867	600	450	800	725
2050	1867	600	450	1000	900
2050	1867	600	450	1200	1100

CERTIFICATIONS AND COMPLIANCE



The SSE 1000D Series complies with the following standards ensuring it meets safety, quality, and regulatory requirements.



ISO 9001 – QUALITY MANAGEMENT SYSTEM

ISO 27001 – INFORMATION SECURITY MANAGEMENT SYSTEM

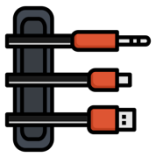
DIN 41494 / EIA-310 – 19" RACK STANDARD COMPLIANCE

ASTM STANDARDS – CORROSION AND ENVIRONMENTAL RESISTANCE

CE MARKING – EUROPEAN COMPLIANCE FOR SAFETY AND ENVIRONMENTAL PROTECTION

ACCESSORIES AND ADD-ONS

Cable Management Systems



Vertical and horizontal organizers for neat and interference-free cabling.



Shelving Options

Sliding, fixed, and cantilever shelves to accommodate diverse equipment.

Power Distribution Units (PDUs)



High-capacity PDUs with surge protection and customizable configurations.



Environmental Sensors

Temperature and humidity sensors for centralized monitoring.

Security Enhancements

Biometric and keypad locks for additional control.



APPLICATIONS AND USE CASES

The SSE 1000D Series is ideal for:

Data Centers: Housing critical networking and server infrastructure with secure, high-density designs.

Telecommunication Hubs: Provides optimal airflow and modular configurations for telecom equipment.

Laboratories: Ensures secure and organized storage of sensitive testing and computing equipment.

Use Cases

Financial Sector: Securely house and manage servers and networking equipment for financial data.

Healthcare: Store data-sensitive systems for hospitals, clinics, and research facilities.

Education: High-density storage for university computing labs and server rooms.

ORDERING INFORMATION AND CONTACT

To discuss your specific requirements, customization needs, or for a detailed consultation kindly contact

Skydne Global Solutions

- **Phone:** +91 8861979703/7892797896
- **Email:** supriya@skydne.com

For customization requests, please specify

- Door type (glass/perforated/solid)
- Security features (biometric/keypad)
- Cable management and shelving preferences
- Color and branding options
- Custom dimensions if required



Note: Customizations may affect lead time and costs. Please inquire for a detailed quotation.

TECHNICAL MODEL SPECIFICATIONS

SSE SERIES	H	h	W	w	w1	D
6U 600X650	450	6U	600	19"	450	650
6U 600X800	450	6U	600	19"	450	800
6U 600X1000	450	6U	600	19"	450	1000
9U 600X650	583	9U	600	19"	450	650
9U 600X800	583	9U	600	19"	450	800
9U 600X1000	583	9U	600	19"	450	1000
12U 600X650	716	9U	600	19"	450	650
12U 600X800	716	9U	600	19"	450	800
12U 600X1000	716	9U	600	19"	450	1000
15U 600X650	850	15U	600	19"	450	650
15U 600X800	850	15U	600	19"	450	800
15U 600X1000	850	15U	600	19"	450	1000
17U 600X650	939	17U	600	19"	450	650
17U 600X800	939	17U	600	19"	450	800
17U 600X1000	939	17U	600	19"	450	1000
22U 600X650	1161	9U	600	19"	450	650
22U 600X800	1161	9U	600	19"	450	800
22U 600X1000	1161	9U	600	19"	450	1000
22U 600X1200	1161	22u	600	19"	450	1200
27U 600X650	1383	27U	600	19"	450	650
27U 600X800	1383	27U	600	19"	450	800
27U 600X1000	1383	27U	600	19"	450	1000
27U 600X1200	1383	27U	600	19"	450	1200
32U 600X650	1605	32U	600	19"	450	650
32U 600X800	1605	32U	600	19"	450	800
32U 600X1000	1605	32U	600	19"	450	1000
32U 600X1200	1605	32U	600	19"	450	1200
34U 600X650	1694	34U	600	19"	450	650
34U 600X800	1694	34U	600	19"	450	800
34U 600X1000	1694	34U	600	19"	450	1000
34U 600X1200	1694	34U	600	19"	450	1200

TECHNICAL MODEL SPECIFICATIONS

SSE SERIES	H	h	W	w	w1	D
36U 600X650	1783	36U	600	19"	450	650
36U 600X800	1783	36U	600	19"	450	800
36U 600X1000	1783	36U	600	19"	450	1000
36U 600X1200	1783	36U	600	19"	450	1200
38U 600X650	1872	38U	600	19"	450	650
38U 600X800	1872	38U	600	19"	450	800
38U 600X1000	1872	38U	600	19"	450	1000
38U 600X1200	1872	38U	600	19"	450	1200
40U 600X650	1961	40U	600	19"	450	650
40U 600X800	1961	40U	600	19"	450	800
40U 600X1000	1961	40U	600	19"	450	1000
40U 600X1200	1961	40U	600	19"	450	1200
42U 600X650	2050	42U	600	19"	450	650
42U 600X800	2050	42U	600	19"	450	800
42U 600X1000	2050	42U	600	19"	450	1000
42U 600X1200	2050	42U	600	19"	450	1200
44U 600X650	2139	44U	600	19"	450	650
44U 600X800	2139	44U	600	19"	450	800
44U 600X1000	2139	44U	600	19"	450	1000
44U 600X1200	2139	44U	600	19"	450	1200
45U 600X650	2183	45U	600	19"	450	650
45U 600X800	2183	45U	600	19"	450	800
45U 600X1000	2183	45U	600	19"	450	1000
45U 600X1200	2183	45U	600	19"	450	1200
48U 600X650	2317	48U	600	19"	450	650
48U 600X800	2317	48U	600	19"	450	800
48U 600X1000	2317	48U	600	19"	450	1000
48U 600X1200	2317	48U	600	19"	450	1200
50U 600X650	2406	50U	600	19"	450	650
50U 600X800	2406	50U	600	19"	450	800
50U 600X1000	2406	50U	600	19"	450	1000
50U 600X1200	2406	50U	600	19"	450	1200
52U 600X650	2494	52U	600	19"	450	650
52U 600X800	2494	52U	600	19"	450	800
52U 600X1000	2494	52U	600	19"	450	1000
52U 600X1200	2494	52U	600	19"	450	1200