

VERAK® S-MAX

Server cabinet for high density installations



- Cabinet frame formed by 4 verticals and 2 welded end frames (top/bottom);
- Static load rate of 1500 Kg uniformly distributed;
- Adjustable 19" panel mounting angles at the front, adjustable and split at the rear, compliant to IEC60297 norms;
- 19" side reducing cable channel (800 mm cabinet width) for vertical cable management designed to support cable management accessories;
- Top cover with 5/7 cable entry areas, 2/3 for each side depending on cabinet depth, and 1 in the rear position;
- Reversible front vented metal door (81%) or glass vented, swing handle with key lock, three points locking system, temperature led display;
- Rear vented double door, swing handle with key lock and three points locking system;
- 180° Doors opening;
- Easily removable side panels with security internal locks;
- Open bottom to allow an easy entry of the cables or allowing to mount gland plates;
- Adjustable feet;
- Castors with 250 Kg load rate as optional;
- Additional bay version settled for bayed cabinet;
- Designed to mount the earth continuity kit according to EN60950 norms.

TECHNICAL FEATURES

VERAK® S-MAX is a cabinet specially developed for housing the new generation of servers. Rugged and versatile, VERAK® S-MAX lets create a safe and secure environment and provides a structure made of steel to ensure a maximum range of 1500 Kg static uniformly distributed. The side panels are easily removable are fitted with locks from the inside of the cabinet (security). The 19" panel mounting angles are fixed through the side panel mount support that allow adjustable positioning in the depth of the cabinet while the rear panel mounting angles, divided in three zones, allow the installation of multi-vendor servers. The door options available are equipped with swing handle and key lock at three points locking, reversible opening and 180 degree opening. Front door is provided with a temperature display, sensor and 3 meters cable. The top cover is provided with 5 / 7 cable entry areas (3 for each side) and 1 at the rear. The top frame, in the structure, allows the mount an optional ventilation fan tray "zero U" of 4 or 6 fans without interfering with the entry areas of cables.

DIMENSIONS:

Internal Height	12U* / 16U* / 27U / 42U / 47U
Full Height	645* / 823* / 1312 / 1979 / 2201 mm
Depth	978 / 1178 mm
Width	600 / 800 mm
Mounting depth	578 / 786 / 886 mm (panel mount – panel mount)
Load capacity	1500 Kg

* Standard dimensions available for VERAK® S-MAX Short Size version

FINISHING:

External colour	Anthracite RAL 7016 / Custom colours on demand Front door, rear panel, top cover and side panels
Internal colour	Black RAL 9005 / Custom colours on demand Cabinet frame, panel mount supports and 19" panel mounting angles

MATERIALS SPECIFICATIONS:

Frame	Steel 1.5 mm
Panel mounting angles and reducing channels	Steel 2.0 mm
Panel mount supports	Steel 1.5 mm
Top cover	Steel 1.0 mm
Side panels	Steel 1.0 mm
Doors	Steel 1.2 mm
Glass	Tempered 4.0 mm UNI EN1250.1

STANDARDS:

IEC 60297	Dimension of mechanical structures of the 19" equipment
DIN 41494	Basic specification for 19" construction systems
EN 60950	European safety standards for information technology equipment
VDE0100	Installation and set-up of current system and grounding
DIN-1249-11	Glass building; glass edges