Premium Floor Standing Racks
42U - 800x1200mm

Avalon Cabinets are Feature-rich rack enclosures optimized for easy installation, managing cables, integrating power distribution, and maximizing airflow. These racks are multi-functional rack enclosures designed to meet current IT market trends and applications ranging from high density computing and networking to broadcast and audio-video. With efficient cooling fan, power distribution, cable management, the Golden series rack enclosure provides a reliable rack-mounting environment for mission-critical equipment.

Compatibility

- Integrated with Avalon products - Avalon cooling, power distribution, and cable management products work seamlessly with these enclosures to provide a complete infrastructure support system.
- Avalon Rack Systems Compatible – Compatible with a variety of Avalon rack accessory products
- Optimized for high capacity cable management systems - Vendor-neutral EIA-310 19in Rack Mounting Compatibility Guaranteed - Vendor-neutral mounting for guaranteed compatibility with all EIA-310 compliant 19" equipment.

Convenience

- Perforated front door with hex design perforated front and rear doors provide ample ventilation for servers and networking equipment.
- Cable access openings with pre-installed brushes - Large cable access slots in the roof provide access for overhead cable egress. The bottom design allows for unobstructed cable access through a raised floor. Roof includes openings with brush Strips.
- Quick release doors - Front door can be moved to the opposite side or interchanged with rear doors.
- Half-height side panels and option with brush strips for pass-through - Half-height quick release side panels reduce size and weight for easy handling and access to equipment. Side panels are lockable utilizing a single key with the doors.
- Equipment mounting rails include zero U mounting holes beside the EIA 19" mounting space that allow the installation of Data Distribution easily

Safety

- Designed for enhanced Rigidity - A proven frame design, heavy-gauge mounting rails, and heavy-duty casters provide for 1300 kg static (levelling feet +castors) load ratings.
- Integrated electrical grounding - The roof, side panels and front and rear doors are grounded to the frame of the enclosure. Eight additional electrical grounding inserts are located on the frame for external grounding.
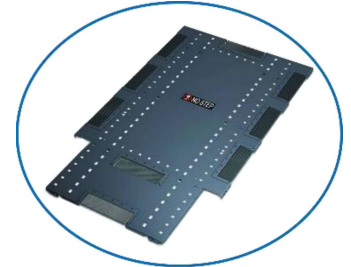
Dimensions

Type	19 inch standard
Rack Height	42U
Width	800 mm
Height	2000 mm
Depth	1200 mm
Gross Weight	187 Kg (Including the packaging)
Net Weight	183 Kg

Conformance

Standard Warranty	10 Years Warranty on manufacturing defects
Standards	EIA-310-E
Regulatory Approvals	UL 60950
Environmental Compliance	RoHS

Cabinet Features

- 19" Mounting Angles
- Front Perforated Double door with Lock and handle
- Rear Perforated single door with lock and handle
- Both the doors can be mounted to be opening from either side
- Four Removable side Panels (Half-height side panels with individual lock)
- Adjustable Jacking Feet
- Four Fans fitted in a Fan Tray with Cable for connection
- Extra Cage Nuts provided (30 Pieces)
- Earthing Screw
- Two way vertical Cable Managers

Technical Specifications

- All Steel construction
- Frame Made of 1.5 mm thick SPCC
- Fixed shelves made of 1.5 mm thick SPCC (Optional)
- Mounting Angles made of 2.0 mm thick steel
- Powder Coated matt black finish (Seven Stage dip Process for smoothness of the Surface)
- Strong structure of individually fabricated components
- Manufactured using CNC machines only
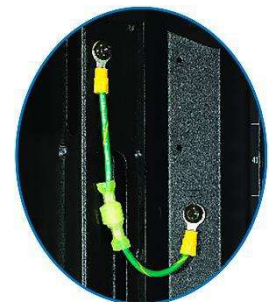- Surface Finish: Matt Black Epoxy Powder Coated Paint (RAL 9005)

Power Distribution

- Max Current: 13 Amps
- Max Output Power: 3250 Watts
- Rated voltage: 200 -250 Volts 50-60 HZ
- Six Outlet UK Type

Cooling Fan

- Max Current: 13 Amps
- Max Output Power: 30 Watts
- Rated voltage: 200-250 Volts 50-60 HZ
- Rated Speed: 2600 / 3000 RPM
- Lower noise, Less than 48db, Air flow 50-110 CBM/H

Ordering Information

Size	Width	Depth	Part No.
42U	800 mm	1200 mm	AN-FS42U800X1200G