



## Premium Floor Standing Racks 42U - 800x1000mm

**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

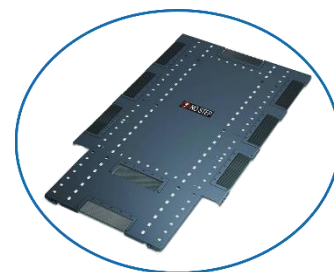
Type	19 inch standard
Rack Height	42U
Width	800 mm
Height	2000 mm
Depth	1000 mm
Gross Weight	169 Kg (Including the packaging)
Net Weight	165 Kg

## 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

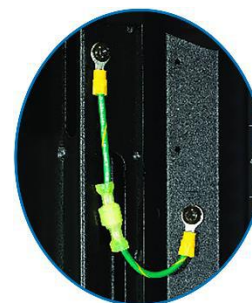
- All Steel construction
- Frame Made of 1.5 mm thick SPCC
- Fixed shelves made of 1.5 mm thick SPCC (Optional)
- Mounting Angles made of 2.0 mm thick steel
- Powder Coated matt black finish (Seven Stage dip Process for smoothness of the Surface)
- Strong structure of individually fabricated components
- 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	1000 mm	AN-FS42U800X1000G