

Single Section Door



Server Racks

Alston Systems offers entire range of data cabinets like server cabinets, wall / floor mount cabinets, power distribution units, IP based PDUs, UPS etc towards Data Centre Facility Solution. Also Alston Systems introduces physical security to the server cabinet access by IP based biometric handle locks. Protection of physical asset to be as important as protecting the data stored or processed on those active equipments.

Accessories like cage nuts, castors and levelling feet comes with cabinet pack. Additional accessories like fan, fix shelf, keyboard tray, LED light, blank cover, cable management, numeric/biometric access control systems can be ordered along with standard pack.

Features

- Welded frame with high intensity
- 19" Standard Installatino with adjustable dimension
- Blue Zinc mounting profiles, free of static
- Exquisite design with precision measurement and craftsmanship
- Hexagonal rectangular high-density vented front door(patent) & rear door enable equipment protection, verification and reliable operation with turning angle above 120 degree and ventilation rate above 71%
- Bottom with cable entrance, optional cover to close
- Side doors with locks for protection
- Advance moom-shaped lock
- Various optional accessories

Load Capacity

- Static Loading : 1000Kg

Degree of protection

- IP20

Main Material

- SPCC cold rolled steel
- Thickness of Steel, Mounting profile : 2.0mm; Tray : 2.0mm ; Mounting angle : 1.5mm

Surface Finish

- Frame : Degreasing , Phosphoric , dip-coat primed , Powder Coat
- Others : Degreasing , Phosphoric , Powder Coat

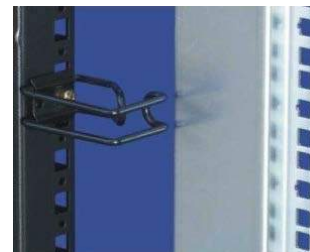
Standard

Comply with ANSI/EIA RS-310-D , IEC297-2 ; DIN41494 , PART 1, DIN41494 ; PART 7 Standard

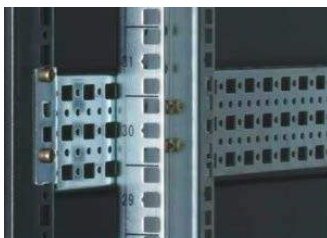
Advance moon Shaped lock



Metal cable ring installed on mounting profile

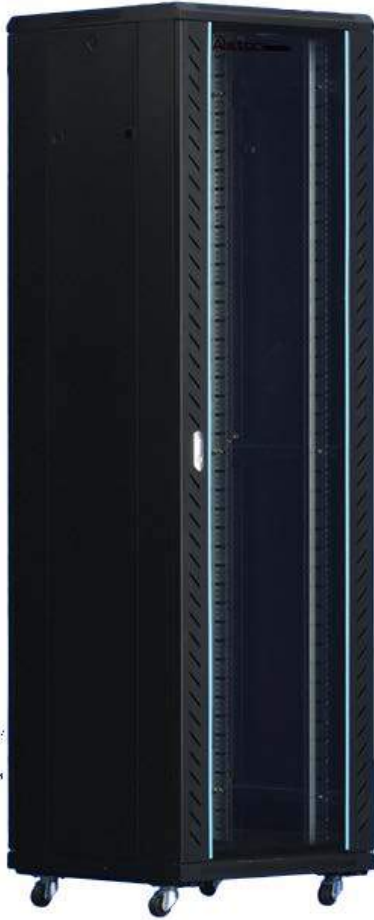


Mounting profile with U mark



Welded frame with strong structure





Features

- Exquisite design with precision measurement and craftsmanship
- Blue Zinc mounting profiles, free of static
- Toughened glass front door with obliquely vented door border three section vented rear door
- Adjustable feet and heavy duty castors are available simultaneously
- Cable entry on the top cover and bottom panel with adjustable sizes
- Optional installation of plinth to enable cabinets fixation, under base entry cable entry / ventilation
- Removal side panel for easy maintenance

Load Capacity

- Static Loading : 800Kg (with adjustable feet)

Degree of Protection

- IP20

Material

- SPCC cold rolled steel
- Thickness of Steel, Mounting profile : 2.0mm; Tray : 2.0mm ; Mounting angle : 1.5mm

Surface Finish

- Frame : Degreasing , Phosphoric , Powder Coat
- Others : Degreasing , Phosphoric , Powder Coat

Standard





- Comply with ANSI/EIA RS-310-D, DIN 41497 Part1, IEC297-2 DIN41494 Part7 ETSI Standard

Ordering Information (Network Server Cabinets with Front Glass Door Black Color)

Model No	Part No	Width	Depth	Height
18	413180663	600	600	988
	413180683		800	
	413186103		1000	
22U	413220663	600	600	1166
	413220683		800	
	413226103		1000	
27U	413270663	600	600	1388
	413270683		800	
	413276103		1000	
32U	413320663	600	600	1610
	413320683		800	
	413326103		1000	
37U	413370663	600	600	1833
	413370683		800	
	413376103		1200	

Model No	Part No	Width	Depth	Height
42U	413420663	600	600	2055
	413420683		800	
	413426103		1000	
	413426123		1200	
	413420863	800	600	
	413420883		800	
47U	413428103	600	1000	2277
	413428123		1200	
	413470663		600	
	413470683	800	800	
	413476103		1000	
	413476123		1200	
	413470863	800	600	
	413470883		800	
	413478103		1000	
	413478123		1200	

Definition of Body Color

Oranament Strip Color
 Light Red
 Light Blue
Body Color  Black RAL 9004
 Gray RAL 7035



Features

- Modular design easily assemble and disassemble
- 19" Standard Installations adjustable rack height
- Easy to fix, stable and strong structure
- Various optional installation according to requirements cable management slot, cantilever shelf, etc.,

Load Capacity

- 500Kg

Material

- Plith – Angle Iron and others SPCC Cold Rolled Steel Thickness Plinth – 8.0mm

Surface Finish

- Frame : Degreasing , Phosphoric , Powder Coat

Standard

- Comply with ANSI/EIA RS-310-D, DIN 41497 Part1, IEC297-2 DIN41494 Part7 GB /TB3047, 2-92Standard


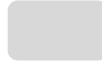
Product Description :

Alston Systems open racks are designed to fix 19" active / passive devices in a data centre environment. This product is designed to handle 500Kgs loading capacity and it comes with vertical cable manager to tidy up the cable run.

Ordering Information (Open Rack)

Part No	Description
414253433	Alston Systems, Open Rack 42U 530x430 mm Black Color
414254013	Open Rack 42U Fish Bone Cable Management 150mm width
414254023	Open Rack 42U Fish Bone Cover

Definition of Body Color

Body Color
 Black RAL 9004
 Gray RAL 7035





Features

- Double section Welded Frame, Reliable Structure
- 19" Standard Installations
- Easy operation and maintaining at the back
- Removable side panels and side lock are optional, easy installing and maintaining
- Knock out hole for entering cable on both of top cove and bottom panel
- Turning angle of front door over 180 degrees
- Turning angle of rear door is above 90 degrees
- Turning angle of front door over 180 degrees
- 120mm fan optional
- Standing or wall mounting installations

Load Capacity

- 60Kg

Material

- SPCC Cold Rolled Steel Thickness mounting profile 1.5/ 1.2mm

Surface Finish

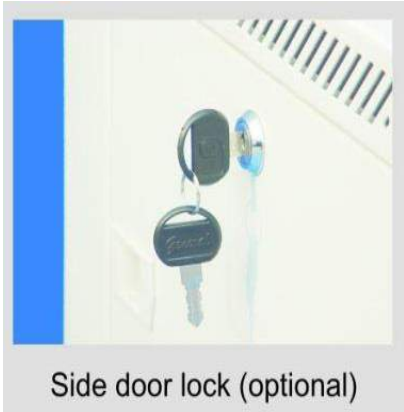
- Frame : Degreasing , Phosphoric , Powder Coat

Standard





- Comply with ANSI/EIA RS-310-D, DIN 41497 Part1, IEC297-2 DIN41494 Part7 GB /TB3047, 2-92 Standard

Wall Mount Racks

Alston wall mount cabinets are designed to fit all 19" active / passive devices for smaller network. Usually it comes in 4U, 6U, 9U, 12U, 15U and 18U height with 600x450mm or 600x550mm configuration for single and double section respectively in black color finish. Special size can be met based on customer requirement. All the accessories like fan units, power distribution unit, fix shelves, LED light and cage nuts needs to order separately.



Definition of Body Color

Oranament Strip Color
 Light Red
 Light Blue
Body Color
 Black RAL 9004
 Gray RAL 7035

Ordering Information (Wall Mounted cabinets – Dual Section with Front Glass Door Black Color)

Model No	Part No	Width	Depth	Height	in CBM
6U	401060643	600	450	368	0.1786
9U	401090643	600	450	501	0.2326
12U	401120643	600	450	635	0.2887
15U	401150643	600	450	769	0.3447
18U	401180643	600	450	901	0.3987
22U	401220643	600	450	1082	0.4736
27U	401270643	600	450	1304	0.5670



Features

- Welded Frame, Reliable Structure
- Adjustable feet, heavy duty castors are optional
- Removable side panels and side lock are optional
- Knock out hole for entering cable on both of top cove and bottom panel
- Turning angle of front door over 180 degrees
- Turning angle of front door over 180 degrees
- 19" Standard Installations
- 120mm fan optional
- Standing or wall mounting installations

Load Capacity

- 60Kg

Material

- SPCC Cold Rolled Steel Thickness mounting profile 1.5/ 1.2mm

Surface Finish

- Frame : Degreasing , Phosphoric , Powder Coat

Standard

- Comply with ANSI/EIA RS-310-D, DIN 41497 Part1, IEC297-2 DIN41494 Part7 GB /TB3047, 2-92 Standard

Degree of Protection

- IP20







Removable side panels (side locks optional)



Lockable fan holes and cable entry

Definition of Body Color

Oranament Strip Color		Body Color	
			
Light Red	Light Blue	Black RAL 9004	Gray RAL 7035

Ordering Information (Wall Mounted cabinets – Single Section with Front Glass Door)

Model No	Part No	Width	Depth	Height
4U	401040643	600	450	280
6U	401060643	600	450	368
9U	401090643	600	450	501
12U	401120643	600	450	635
15U	401150643	600	450	769
18U	401180643	600	450	901
22U	401220643	600	450	1082
27U	401270643	600	450	1304



Cooling Fan

- Lower-noise, long lifespan, plastic filter options

Dimension

- 120mm x 120mm x36mm

Mouting Dimension

- 105mm x 105mm

Air Flowing

- 50-110CBM/H

Ordering Information(Cooling Fan)

Description	Part No	Voltage
Cooling Fan	491002203	220V
Cooling Fan	491001103	110V
Cooling Fan (Diredt Current)	492000483	48V
Cooling Fan (Ball bearing)	493001103	110V
Cooling Fan (Ball bearing)	493002203	220V
Cooling Fan (Direct / Ball bearing)	494000483	48V



Metal Cable Management with CAP

- Lower-noise, long lifespan, plastic filter options

Material

- SPCC cold rolled stell t1.2

Surface Finish

- Degreasing, Phosphoric, Powder Coated

Ordering Information(Metal Cable)

Description	Part No	Height
1U Metal cable management with cap	491010013	1U
2U Metal cable management with cap	491010023	2U



Fixed Shelf

- Used for placing equipment

Material

- SPCC cold rolled stell t1.2

Surface Finish

- Degreasing, Phosphoric, Powder Coated

Load Capacity

- 60Kg

Ordering Information (Fixed Shelf)

Description	Part No
Fixed Shelf 800x800 mm	491030803
Fixed Shelf 800x1000 mm	491031003
Fixed Shelf 450 mm depth	491030453



Blanking Panel

- 19" cabinets as blanking plate

Material

- SPCC cold rolled stell t1.2



Surface Finish

- Degreasing, Phosphoric, Powder Coated

Ordering Information (Blanking Panel)

Description	Part No
1U Blank Panel	491040013

Definition of Body Color

	Black RAL 9004
	Gray RAL 7035



Power Dirstribution Unit(PDU)

- Conform to DIN49440 and DIN49441
- Maximum 16A 250V AC current capacity, 3.5KW
- Light master switch
- Standard 1V 8 Output and 1.5V 6 Output with surge protection
- 2m power cord, other length upon request
- Color : Aluminium or metal frame in black
- ROHS compliant

Ordering Information(PDU)

Part No	Description
491100063	Power distribution Unit w/aluminium body, UK type, 6 Outlets
491100083	Power distribution Unit w/aluminium body, UK type, 8 Outlets
491100103	Power distribution Unit w/aluminium body, UK type, 10 Outlets
491100123	Power distribution Unit w/aluminium body, UK type, 12 Outlets