

Rack Enclosure

GB Premier Series Cabinet



GB Premier Series cabinets are designed and produced with emphasis on Flexibility, Strength and Protection and offers users a wide range of professional equipment housing solutions.

Compatible for rack mounting of an array of equipments including branded servers i.e. HP, IBM, DELL, SUN etc. With various options of cabinets to choose from, users from industries like I.T., **Security, Audio Visual, Banking, Networking, Aviation, Military and Telecommunications** will be able to find the perfect solution at their disposal.

GB Premier Series Cabinets are manufactured in compliance to International Standards IEC 60297, ANSI/EIA RS-310D, BS 5954-2, DIN 41488. Non standard and customised sizes fabricated to your requirements are available. Please speak to our friendly and experienced sales engineers.

GB Premier Series 600, 19" Cabinets



GB Premier Series 800, 26" Cabinets

Rack Enclosure GB Premier Series Cabinet

Variants

GB Premier Series 600, 19" Cabinets

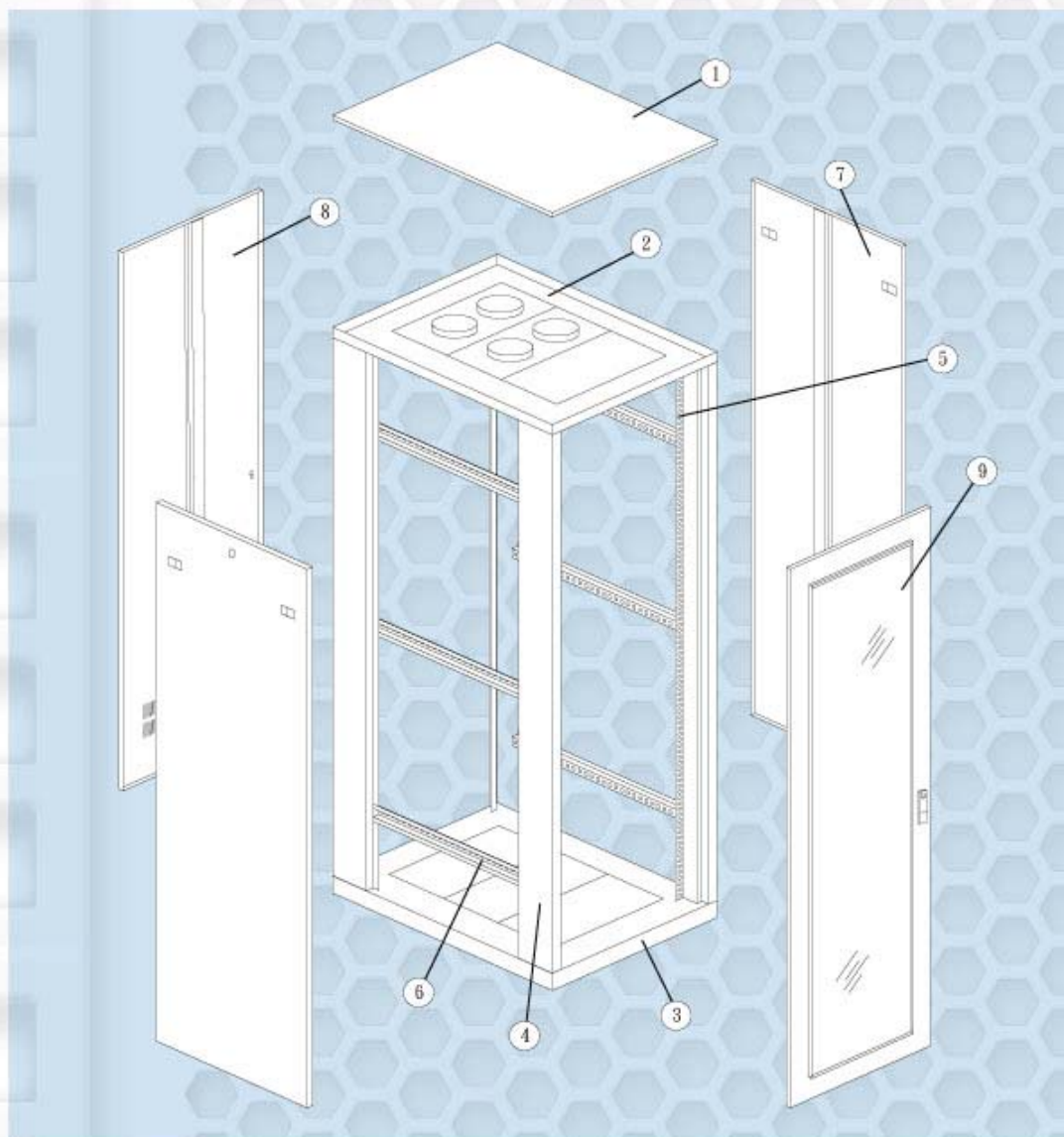
"U"	Overall	Available Depth / Order Number			
		600	800	1000	1100
52U	2450mm	GB-PS-6652	GB-PS-6852		
46U	2200mm	GB-PS-6646	GB-PS-6846	GB-PS-6046	GB-PS-6146
42U	2000mm	GB-PS-6642	GB-PS-6842	GB-PS-6042	GB-PS-6142
38U	1800mm	GB-PS-6638	GB-PS-6838	GB-PS-6038	GB-PS-6138
33U	1600mm	GB-PS-6633	GB-PS-6833		
29U	1400mm	GB-PS-6629	GB-PS-6829		
24U	1200mm	GB-PS-6624	GB-PS-6824	GB-PS-6024	GB-PS-6142
20U	1000mm	GB-PS-6620	GB-PS-6820		
15U	800mm	GB-PS-6615	GB-PS-6815		
12U	700mm	GB-PS-6612	GB-PS-6812		

GB Premier Series 800, 26" Cabinets

"U"	Overall	Available Depth / Order Number			
		600	800	1000	1100
52U	2450mm	GB-PS-8652	GB-PS-8852		
46U	2200mm	GB-PS-8646	GB-PS-8846	GB-PS-8046	GB-PS-8146
42U	2000mm	GB-PS-8642	GB-PS-8842	GB-PS-8042	GB-PS-8142
38U	1800mm	GB-PS-8638	GB-PS-8838		
33U	1600mm	GB-PS-8633	GB-PS-8833		
29U	1400mm	GB-PS-8629	GB-PS-8829		
24U	1200mm	GB-PS-8624	GB-PS-8824	GB-PS-8024	
20U	1000mm	GB-PS-8620	GB-PS-8820		
15U	800mm	GB-PS-8615	GB-PS-8815		
12U	700mm	GB-PS-8612	GB-PS-8812		

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Breakdown of Parts



Standard Colours

Colour A:
Cabinet & Doors = Light Grey (RAL7035)
Accessories = Black (PCF1010)

Colour B:
Cabinet & Doors = Black (PCF1010)
Accessories = Black (PCF1010)

Options of other colours are available.
Please inquire with our sales engineers

Parts List

1. Raised Top Cover
2. Top Frame
3. Base Frame
4. Vertical Frame
5. 19" Mounting Element
6. Depth Bracing Member
7. Side Panel
8. Rear Door
9. Front Door

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Basic Accessories

Top mount
Fan kit



Flush mounted
Power strip

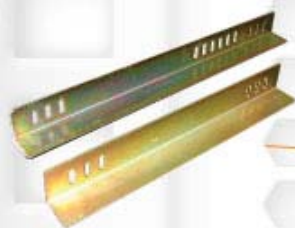


35



Top quality M6 screws,
plastic washers and
M6 cage nuts

36



L - Support Brackets

37



Canilever Shelves 1U/2U



Universal Design
Fixed Shelf



Universal Design
Telescopic Shelf



19" Blanking Panels



Castors & Adjustable
feet assembly

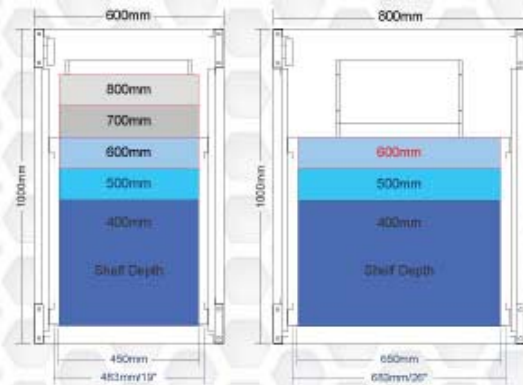
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Specifications



Fixed Shelf & Telescopic Shelf

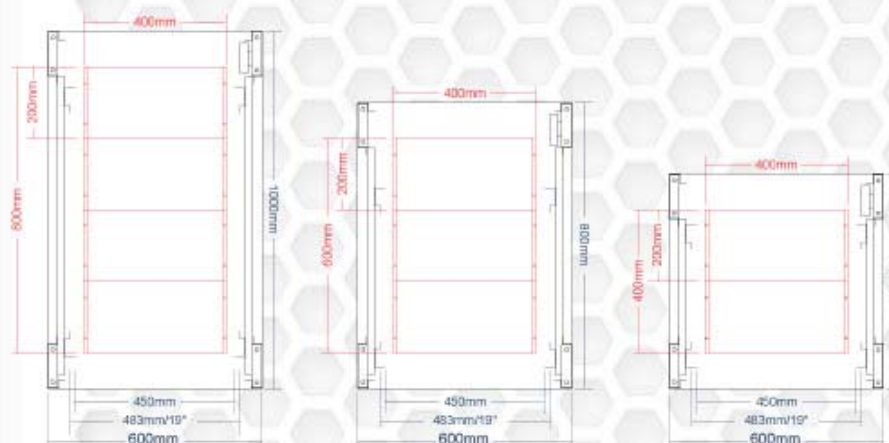
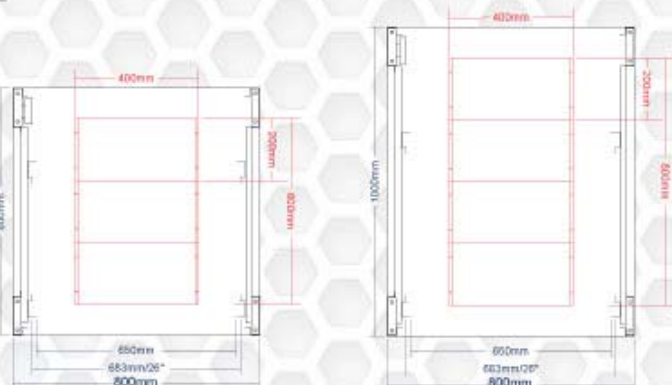
- Improved Design provides front & rear mounting points for easy access
- Max weight load of 40kg for fixed shelf and 25kg for telescopic shelf
- Depths - 400mm, 500mm, 600mm, 700mm & 800mm
- Customized sizes available
- Option of Heavy Duty shelves available



Plan View

Default Opening at Top & Base Frame

- Opening is the same size in both the Top & Base frame
- Serves as cable entry and for the mounting of Exhaust fan plates/cover plates
- Cover plates for top frame supplied as default for Racks that have Exhaust fans
- Size of Fan plate and Cover plate is 200mm x 400mm (available upon request)



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Features & Benefits

Raised Top Cover Steel : 1mm Height : 10mm *1 pc per rack	<ul style="list-style-type: none"> • Cover to prevent foreign particles and leakage into cabinet from the top • Default ventilation gap of 10mm between cover and frame for heat dissipation • Option of cable entry opening with cover (brushed/metal) available • Option of slanted design with ventilation available
Top Frame Steel : 2mm Height : 35mm *1 pc per rack	<ul style="list-style-type: none"> • Bolted securely on 4 corners to ensure rigidity and strength of main frame • Mounting of exhaust fans concealed within top frame. No U Height compromised • Central opening covered fully with fan plates or blank plates for forced ventilation • Cable entry option easily available with removal of blank plate
Vertical Frame Steel : 1.5mm *4 pcs per rack	<ul style="list-style-type: none"> • Designed with internal stiffener for optimal strength to withstand heavy loads • Internal stiffener serves as the mounting point for vertically mounted power strips • Default holes for ganging of racks together covered with plastic grommet • Designed for mounting of doors and panels to be flushed
Base Frame Steel : 2mm Height : 60mm *1 pc per rack	<ul style="list-style-type: none"> • Bolted securely on 4 corners to ensure rigidity and strength of main frame • Central opening for cable entry (can be covered fully or partially with base plates) • Default opening at bottom rear for cable entry • Catered for the mounting of castors and adjustable feet and floor mounting
19" Mounting Element Steel : 1.5mm *4 pcs per rack	<ul style="list-style-type: none"> • Punched with a row of square holes complying to IEC60297 for the mounting of shelves, M6 cage nuts and rack mounted equipments • Designed to accommodate rack mounting of most server brands • Mounted to the depth bracing member for ease of adjusting according to position
Depth Bracing Member Steel : 1.5mm Height : 60mm *4 - 6 pcs per rack	<ul style="list-style-type: none"> • Punched with a row of square holes for mounting of 19" panel mounting element, earthing bar and M6 cage nuts • Square holes enable ease of adjusting 19" panel mounting element position • Mounted between 2 vertical frames for added strength to the main frame
Side Panel Steel : 1mm *2 pcs per rack	<ul style="list-style-type: none"> • Lift off side panels with quick release latches for easy removal without tools • Internal stiffener for added strength • Comes default with camlock • Mounted flushed to the main frame work for aesthetically pleasing outlook
Doors Steel : 1mm *2 pcs per rack	<ul style="list-style-type: none"> • Options of Tempered glass, steel, vented, perforated doors available • Lift off design with spring latch for quick removal without tools • Internal stiffener for full steel doors for added strength • Specially designed framework for fully perforated doors achieving 65% ventilation • Comes default with swing handle and lockset

Conformance to International Standards IEC6 0297, ANSI/EIA RS310D, BS 5954-2, DIN 41488
 Material: Sheet Steel
 Finishing: Epoxy Polyester Powder Coated

1U = 44.45mm or 1.75inches

Features at a glance

- Modular Main frame design with superior sturdiness
- Standard Heights - 12U, 15U, 20U, 24U, 29U, 33U, 38U, 42U and 46U
- Available Depths - 600mm, 800mm, 1000mm, 1100mm and 1200mm
- Quick Release Side Panels with keylock. Lift off design
- Front / Rear doors complete with Handle & lock set.
- Perforated, Tempered Glass, Vented or Steel door options
- Perforated Doors achieve at least 65% ventilation
- Cable entry available from Top and/or Bottom
- Rack Mounting Compatibility for most server brands
- Fans available as Blowers for cooling or Exhaust for heat dissipation
- Many Accessories available to compliment mounting of non 19" equipments

* Steel = Electro-galvanized or Cold Roll

