GERMAN RACK
2023-2024

19"GERMANY ®
EXPORT RACK

QUALITY ASSURANCE
30 YEARS
19"GERMANY EXPORT RACK

RACK CABINET
SERVER RACK
IDC SERVER RACK
WALL RACK
WALL RACK OUTDOOR
MINI RACK
OPEN RACK
TELECOM RACK
VENTILATING FAN
AC POWER DISTRIBUTION UNIT
COMPONENT SHELVES
ACCESSORIES

RACK CABINET

19"GERMANY ® EXPORT RACK

G3 SERIES

Ventilation Slot

Mounting Pole w/screen UH

Front Door w/logo

Security Cam Locks

Grounding system

Slide Latch w/logo

Pedestal

Caster w/logo

FEATURES

- **Designed and Manufactured** To comply Standards of EIA-310-E (Rev.EIA-310D), IEC60297-1, IEC60297-2, BS5954 Part:2, DIN 41494, 19" Standard.
- **Modular Knock Down** Easy to assembly, transportation.
- **Manufactured**
  - Made from 1.5mm Electro-Galvanized Steel Sheet.
  - Mounting Pole, Frame structure and Base made from 2.0mm Electro-Galvanized Steel Sheet.
  - Castor Base Stand made from 3.0mm steel.
  - 100% rust proof.
- **Structure** It was mounted by wedge lock to increase strength.
- **Mounting Pole** Designed to be C-shape angle with 10x10mm square punching hole to increase strength and flexible to adjust freely with screened Rack unit (U) on the mounting pole.
- **Front Door** Was the steel frame with light brown acrylic 5.0mm thickness and 38cm width, with film protection (About the height will follow as the size of Rack unit). Door edge with 3-fins type of dust proof rubber seal (Gray color). Support security lock (Cam lock type) with 19"Germany master key, and trademark embossing on the top.
- **Rear Door** 34 x 23cm Steel door and perforated ventilation slot with dust filter on the bottom side. The inside is 70mm width T-Frame (Excluding for 15U Rack) to prevent the swinging door. Door edge with 3-fins type of dust proof rubber seal (Gray color). Support security lock with 19" Germany master key same as the front door set.
- **Hinge** Made from 3 pieces of special high strength (ABS) or other materials (asrequested), without disturbance noise and rust-free. The front and rear door can reverse to change the opening direction from the left or right side by adjusting screw at the nut of hinge.
- **Side Panels** Was the steel frame with security lock and master key same as the front door set and provided 19" Germany slide latch on the top part for easy removable. The inside is 70 mm width vertical frame (Excluding for 15U Rack) for more strength.
- **Roof Cover** Can be mounted the 4" fan sets, up to 6 fans maximum mounted for ventilation and able to change to vented raised roof cover in optional.
- **Base** It's same dimension as the cabinet for full weight support. The bottom are 3 parts plinth and slide shutter with gray sponge for cable access and protect animal creep into the cabinet, can be mounted the ventilating fan.
- **Pedestal** Up and down adjustable stand with castor base. The 4 pedestal's base with 180° freely tilt to suit the slope floor and made from Black ABS to protect the electrostatic and leaking electricity.
- **Castor** Made from 50mm diameter of Black Nylon 6, swiveling at 360° and convenience to move, support the static load with 150kg/castor.
- **New Shine Light Gray** Two-tone color painted by Electrostatic powder coat system with international standards ASTM.
- **Grounding System** 2.5mm copper wire with yellow and green color stripe which connect between all removable part of rack.
- **Screw Set** Provided screws, captive nuts, plastic washer with nickel plating and M6 standard.
- **Static Load Rating** 1,200kg load, certified by KMUTT. The result shall be less than 3.0mm or 0.14%.
- **Manufacturing and Distribution** Certified by ISO 9001 : 2015.
- **Index of Protection** IP 40.

IP Code 40

1,200 kg — Max Load 1,200 kg

ORDERING INFORMATION

W=Width 600 mm. Standard

1U = 44.45 mm.	Overall Height (mm.)	Order No. of Different Depth (mm.)				
		D = 600	D = 800	D = 900	D = 1000	D = 1100
15U	850	G3-60615	G3-60815	G3-60915	G3-61015	G3-61115
27U	1390	G3-60627	G3-60827	G3-60927	G3-61027	G3-61127
36U	1790	G3-60636	G3-60836	G3-60936	G3-61036	G3-61136
39U	1850	G3-60639	G3-60839	G3-60939	G3-61039	G3-61139
42U	2050	G3-60642	G3-60842	G3-60942	G3-61042	G3-61142
45U	2185	G3-60645	G3-60845	G3-60945	G3-61045	G3-61145

W=Width 800 mm. Standard

1U = 44.45 mm.	Overall Height (mm.)	Order No. of Different Depth (mm.)			
		D = 800	D = 900	D = 1000	D = 1100
15U	850	G3-80815	G3-80915	G3-81015	G3-81115
27U	1390	G3-80827	G3-80927	G3-81027	G3-81127
36U	1790	G3-80836	G3-80936	G3-81036	G3-81136
39U	1850	G3-80839	G3-80939	G3-81039	G3-81139
42U	2050	G3-80842	G3-80942	G3-81042	G3-81142
45U	2185	G3-80845	G3-80945	G3-81045	G3-81145
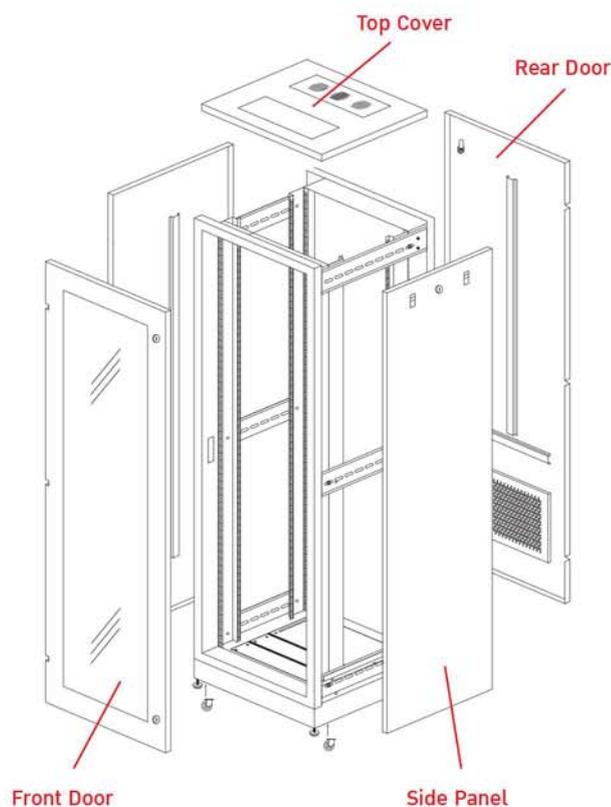
* Order No. for Black Color   G3-XXXXXB

Sample : G3-60642B   Rack Cabinet 42U, 60 x 60 cm., Black Color

Top Cover
Rear Door
Front Door
Side Panel

Options

Color	:	*Black color or other (as requested)
Width	:	21" or 23"
Thickness	:	1.6mm or other (as requested)
Door	:	Double door or Handle lock

Delivery with

- 3 Master key with key number and trademark embossing
- Nut and screw sets according to no. of Rack unit (U).

Drawing

Top View

Bottom View

Front View

Rear View

ACYLIC

SERVER RACK

G4 SERIES

FEATURES

- **Designed and Manufactured** To comply Standards of EIA-310-E (Rev.EIA-310D), IEC60297-1, IEC60297-2, BS5954 Part:2, DIN 41494, 19" Standard.
- **Modular Knock Down** Easy to assembly, transportation.
- **Manufactured**
  - Made from 1.5mm Electro-Galvanized Steel Sheet.
  - Mounting Pole, Frame structure and Base made from 2.0mm Electro-Galvanized Steel Sheet.
  - Castor Base Stand made from 3.0mm steel.
  - 100% rust proof.
- **Structure** It was mounted by wedge lock to increase strength.
- **Mounting Pole** Designed to be C-shape angle with 10x10mm square punching hole to increase strength and flexible to adjust freely with screened Rack unit (U) on the mounting pole.
- **Front Door** is the steel frame with light brown Acrylic 5.0 mm. thickness with film protection and the width of acrylic is 38 cm. (the height is being influenced by the size of the rack) which is perforated tetragon surounding the acrylic (same as honney comb). Door edge is bore with gray dust-proof rubber seal (3 fins). Security locks with 19" Germany Master Key.
- **Rear Door** is the steel door with perforated tetragon ventilation 50% of door's area (same as honney comb) to prevent the heat accumulation inside the cabinet to extend the life of all network equipments and servers. Door edge is bore with gray dust-proof rubber seal (3 fins). Security locks with 19" Germany Master Key which is the same set as the front door.
- **Hinge** Made from 3 pieces of special high strength (ABS) or other materials (asrequested), without disturbance noise and rust-free. The front and rear door can reverse to change the opening direction from the left or right side by adjusting screw at the nut of hinge.
- **Side Panels** Was the steel frame with security lock and master key same as the front door set and provided 19" Germany slide latch on the top part for easy removable. The inside is 70 mm width vertical frame (Excluding for 15U Rack) for more strength.
- **Roof Cover** Can be mounted the 4" fan sets, up to 6 fans maximum mounted for ventilation and able to change to vented raised roof cover in optional.
- **Base** It's same dimension as the cabinet for full weight support. The bottom are 3 parts plinth and slide shutter with gray sponge for cable access and protect animal creep into the cabinet, can be mounted the ventilating fan.
- **Pedestal** Up and down adjustable stand with castor base. The 4 pedestal's base with 180° freely tilt to suit the slope floor and made from Black ABS to protect the electrostatic and leaking electricity.
- **Castor** Made from 50mm diameter of Black Nylon 6, swiveling at 360° and convenience to move, support the static load with 150kg/castor.
- **New Shine Light Gray** Two-tone color painted by Electrostatic powder coat system with international standards ASTM.
- **Grounding System** 2.5mm copper wire with yellow and green color stripe which connect between all removable part of rack.
- **Screw Set** Provided screws, captive nuts, plastic washer with nickel plating and M6 standard.
- **Static Load Rating** 1,200kg load, certified by KMUTT. The result shall be less than 3.0mm or 0.14%.
- **Manufacturing and Distribution** Certified by ISO 9001 : 2015.
- **Index of Protection** IP 20.

Ventilation Slot

Mounting Pole w/screen UH

Front Door w/logo

Security Cam Locks

Grounding system

Slide Latch w/logo

Pedestal

Caster w/logo

IP Code 20

1,200 kg
Max Load
1,200 kg

GERMAN RACK
2023 -2024

ORDERING INFORMATION

W=Width 600 mm. Standard

1U = 44.45 mm.	Overall Height (mm.)	Order No. of Different Depth (mm.)				
		D = 600	D = 800	D = 900	D = 1000	D = 1100
15U	850	G4-60615	G4-60815	G4-60915	G4-61015	G4-61115
27U	1390	G4-60627	G4-60827	G4-60927	G4-61027	G4-61127
36U	1790	G4-60636	G4-60836	G4-60936	G4-61036	G4-61136
39U	1850	G4-60639	G4-60839	G4-60939	G4-61039	G4-61139
42U	2050	G4-60642	G4-60842	G4-60942	G4-61042	G4-61142
45U	2185	G4-60645	G4-60845	G4-60945	G4-61045	G4-61145

W=Width 800 mm. Standard

1U = 44.45 mm.	Overall Height (mm.)	Order No. of Different Depth (mm.)			
		D = 800	D = 900	D = 1000	D = 1100
15U	850	G4-80815	G4-80915	G4-81015	G4-81115
27U	1390	G4-80827	G4-80927	G4-81027	G4-81127
36U	1790	G4-80836	G4-80936	G4-81036	G4-81136
39U	1850	G4-80839	G4-80939	G4-81039	G4-81139
42U	2050	G4-80842	G4-80942	G4-81042	G4-81142
45U	2185	G4-80845	G4-80945	G4-81045	G4-81145
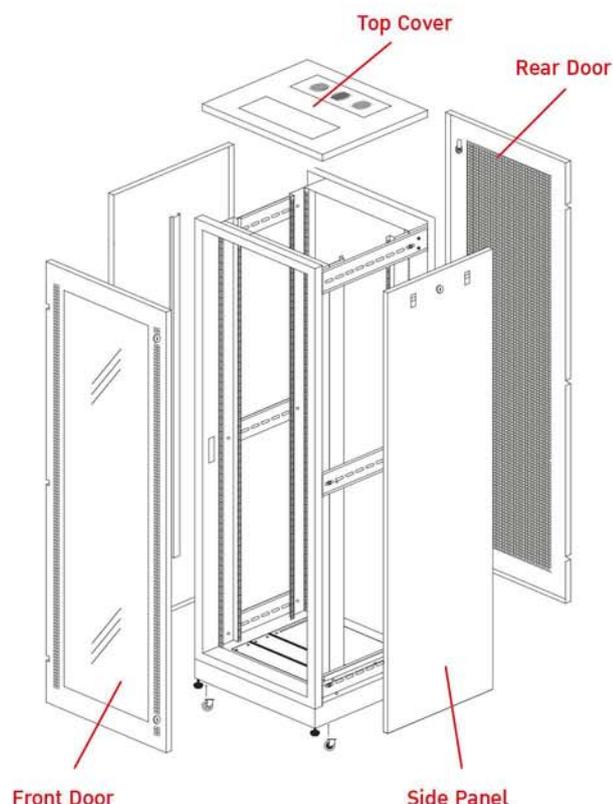
* Order No. for Black Color   G4-XXXXXB

Sample : G4-60642B   Server Rack 42U, 60 x 60 cm., Black Color

Options

Color	*Black or other
Width	21 inch or 23 inch
Thickness	1.6 mm or other
Door	Double door or Handle lock

Delivery with

- 3 Master keys with trademark and number on the keys.
- Set of nut and screw according to the size of rack.

Drawing

Top Cover

Rear Door

Front Door

Side Panel

Top View

Bottom View

Front View

Rear View

ACYLIC

19"GERMANY®
EXPORT RACK
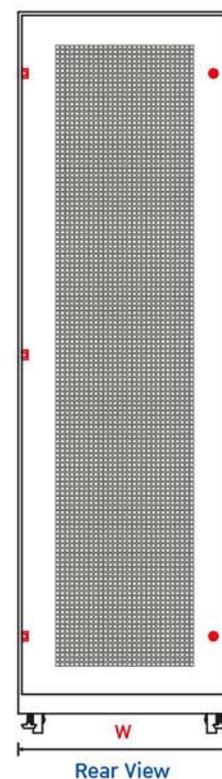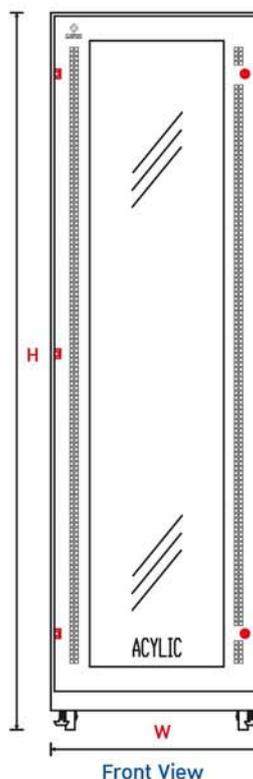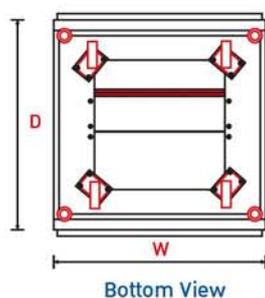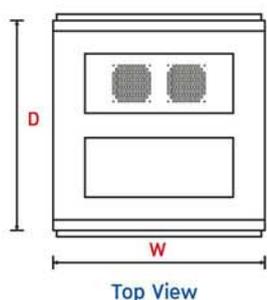
IDC SERVER RACK

19"GERMANY
E X P O R T   R A C K

G8 SERIES

Single Front Door

G8-XXXXXB

Double Front Door

IP Code
20

1,200 kg
Max Load
1,200 kg

G8-XXXXXDDB

Ventilation Slot

Mounting Pole w/screen UH

Front Door w/logo

Security Cam Locks

FEATURES

◈ **Designed and Manufactured** To comply Standards of EIA-310-E (Rev.EIA-310D), IEC60297-1, IEC60297-2, BS5954 Part:2, DIN 41494, 19" Standard.

◈ **Modular Knock Down** Easy to assembly, transportation.

◈ **Manufactured**
  - Made from 1-3.2mm Electro-Galvanized Steel Sheet.
  - Mounting Pole, Frame structure and Base made from 2.0mm Electro-Galvanized Steel Sheet.
  - Castor Base Stand made from 3.0mm steel.
  - 100% rust proof.

◈ **Mounting Pole** Designed to be C-shape angle with 10x10mm square punching hole to increase strength and flexible to adjust freely with screened Rack unit (U) on the mounting pole.

◈ **Single Front Door** Made from Electro-Galvanized Steel Curve with perforated circle ventilation (Ø 6mm, Pitch 7mm) surrounding for 81% of door's area to ventilate the accumulated heat inside of the cabinet and extend the lifetime of network equipment. Support swing handle lock and 19" Germany Export Rack trademark embossing on the top.

◈ **Double Front Door** Made from Electro-Galvanized Steel Curve with perforated circle ventilation (Ø 6mm, Pitch 7mm) surrounding for 81% of door's area to ventilate the accumulated heat inside of the cabinet and extend the lifetime of network equipment. Support swing handle lock and 19" Germany Export Rack trademark embossing on the top.

◈ **Double Rear Door** Made from Electro-Galvanized Steel perforated circle ventilation (Ø 6mm, Pitch 7mm) surrounding for 83% of door's area to ventilate the accumulated heat inside of the cabinet and extend the lifetime of network equipment. Support swing handle lock.

◈ **Hinge** Made from high grade steel without disturbance noise. The front door can reverse to change the opening direction from the left or right side by adjusting screw at the nut of hinge.

◈ **Side Panels** Designed into two parts with upper and lower. 19" Germany slide latch on the top of each part and security lock with 19" Germany master key for easy removable.

◈ **Roof Cover** Can be mounted the 4" fan sets, up to 6 fans maximum mounted for ventilation and able to easily removable with a latch.

◈ **Base** It's same dimension as the cabinet for full weight support. The bottom are 3 parts plinth and slide shutter with gray sponge for cable access and protect animal creepin to the cabinet, can be mounted the ventilating fan.

◈ **Pedestal** Up and down adjustable stand with castor base. The 4 pedestal's base with 180° freely tilt to suit the slope floor and made from Black ABS to protect the electrostatic and leaking electricity.

◈ **Caster** Made from 50mm diameter of Black Nylon 6, swiveling at 360° and convenience to move, support the static load with 150kg/castor.

◈ **Rack Connected Plate** Made from Electro-Galvanized Steel Sheet for connecting Rack cabinet

◈ **Special Color** Black color painted by Electrostatic powder coat system with international standards ASTM.

◈ **Grounding System** 2.5mm copper wire with yellow and green color stripe which connect between all removable part of rack.

◈ **Screw Set** Provided screws, captive nuts, plastic washer with nickel plating and M6 standard.

◈ **Static Load Rating** 1,200kg load, certified by KMUTT. The result shall be less than 3.0mm or 0.14%.

◈ **Manufacturer and Distributor** Certified by ISO 9001 : 2015.
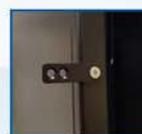
Grounding system   **Rack Connected Plate**   **Slide Latch w/logo**   **Pedestal**   **Caster w/logo**

GERMAN RACK
2023 -2024

ORDERING INFORMATION SINGLE DOOR

W=Width 600 mm. Standard

1U = 44.45 mm.	Overall Height (mm.)	Order No. of Different Depth (mm.)					
		D = 600	D = 800	D = 900	D = 1000	D = 1100	D = 1200
27U	1390	G8-60627B	G8-60827B	G8-60927B	G8-61027B	G8-61127B	G8-61227B
42U	2050	G8-60642B	G8-60842B	G8-60942B	G8-61042B	G8-61142B	G8-61242B
45U	2185	G8-60645B	G8-60845B	G8-60945B	G8-61045B	G8-61145B	G8-61245B

W=Width 800 mm. Standard

| 1U = 44.45 mm.	Overall Height (mm.)	Order No. of Different Depth (mm.)				
		D = 800	D = 900	D = 1000	D = 1100	D = 1200
27U	1390	G8-80827B	G8-80927B	G8-81027B	G8-81127B	G8-81227B
42U	2050	G8-80842B	G8-80942B	G8-81042B	G8-81142B	G8-81242B
45U	2185	G8-80845B	G8-80945B	G8-81045B	G8-81145B	G8-81245B
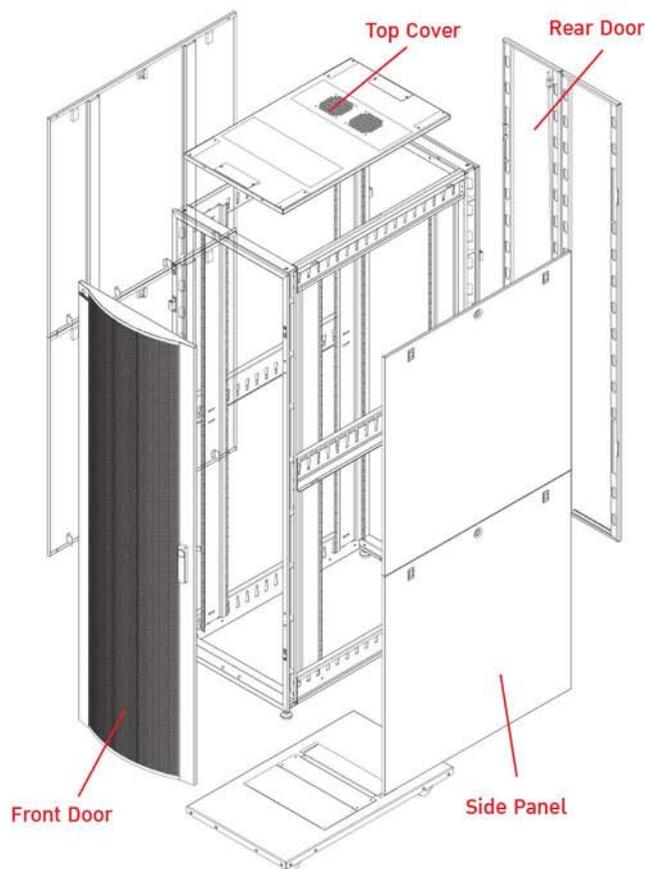
Options

Color   : *Light Gray Color (as requested)
Width   : 21" or 23"

Delivery with

- Side panels with key and trademark embossing
- Nut and screw sets according to no. of Rack unit (U).

Top Cover

Rear Door

Front Door

Side Panel

Drawing

Top View

Bottom View

Front View

Rear View
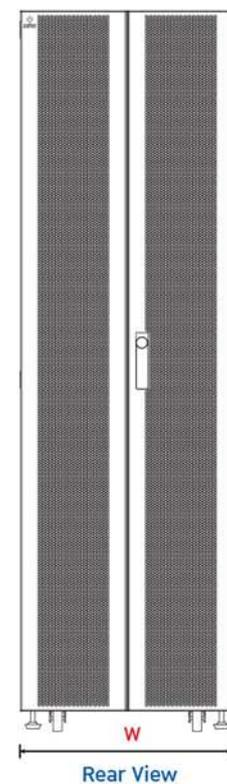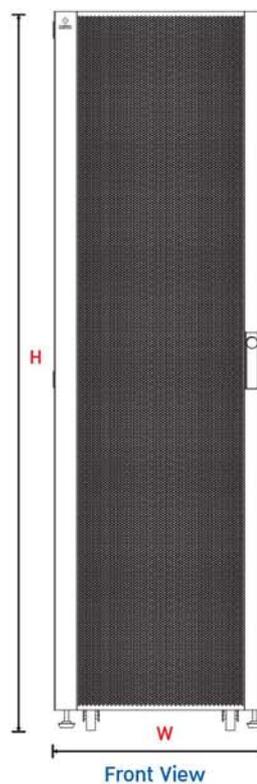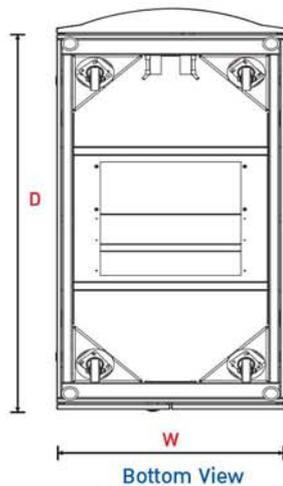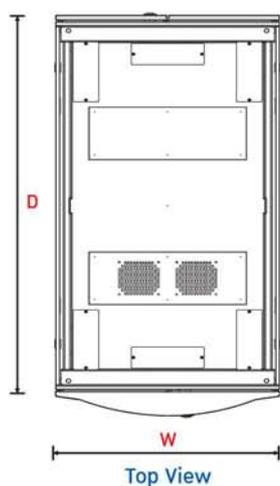
ORDERING INFORMATION DOUBLE DOOR

W=Width 600 mm. Standard

1U = 44.45 mm.	Overall Height (mm.)	Order No. of Different Depth (mm.)					
		D = 600	D = 800	D = 900	D = 1000	D = 1100	D = 1200
27U	1390	G8-60627DDB	G8-60827DDB	G8-60927DDB	G8-61027DDB	G8-61127DDB	G8-61227DDB
42U	2050	G8-60642DDB	G8-60842DDB	G8-60942DDB	G8-61042DDB	G8-61142DDB	G8-61242DDB
45U	2185	G8-60645DDB	G8-60845DDB	G8-60945DDB	G8-61045DDB	G8-61145DDB	G8-61245DDB

W=Width 800 mm. Standard

| 1U = 44.45 mm.	Overall Height (mm.)	Order No. of Different Depth (mm.)				
		D = 800	D = 900	D = 1000	D = 1100	D = 1200
27U	1390	G8-80827DDB	G8-80927DDB	G8-81027DDB	G8-81127DDB	G8-81227DDB
42U	2050	G8-80842DDB	G8-80942DDB	G8-81042DDB	G8-81142DDB	G8-81242DDB
45U	2185	G8-80845DDB	G8-80945DDB	G8-81045DDB	G8-81145DDB	G8-81245DDB
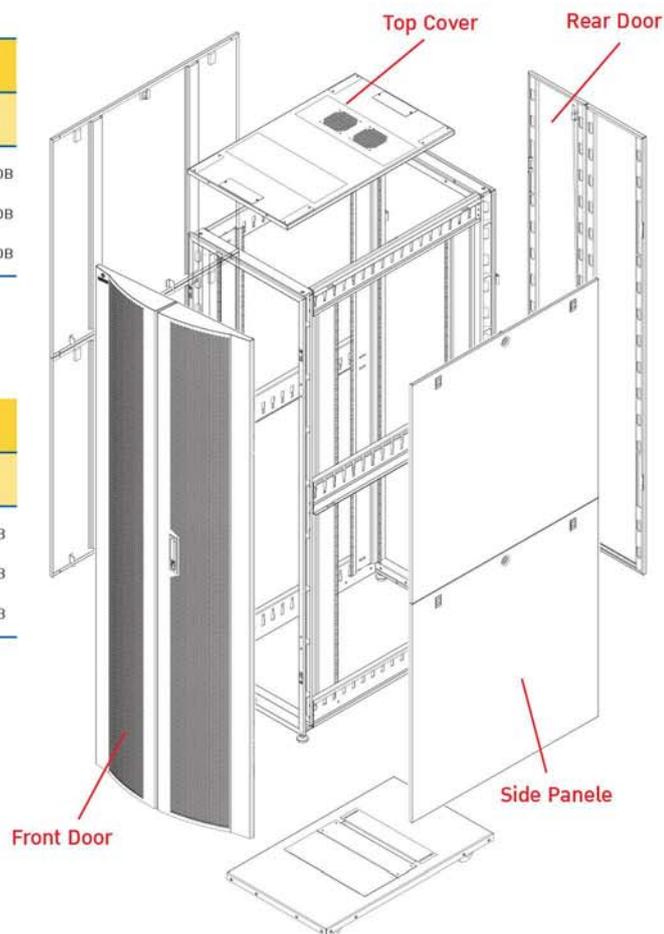
Options

Color   : *Light Gray Color (as requested)
Width   : 21" or 23"

Delivery with

- Side panels with key and trademark embossing
- Nut and screw sets according to no. of Rack unit (U).

Drawing

Top View

Bottom View

Front View

Rear View

WALL RACK

G1 SERIES

A

B

C

IP Code 20
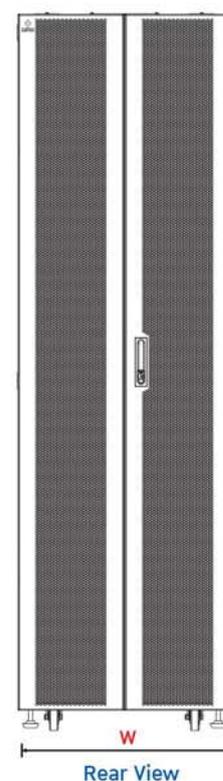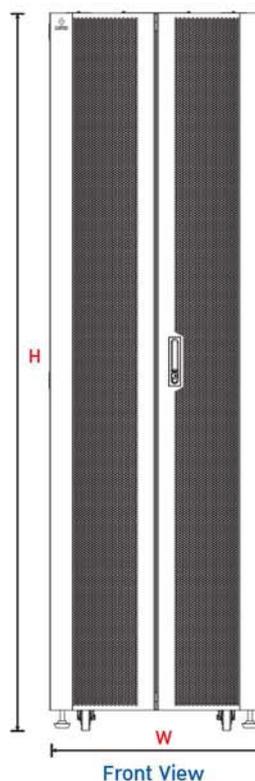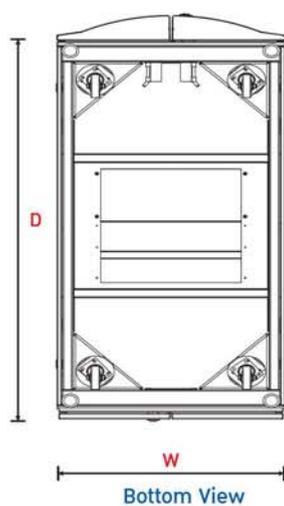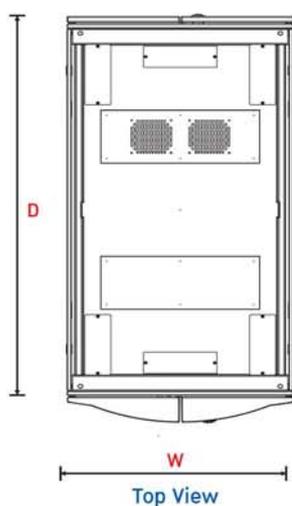
Master Key w/logo

Roller

Mounting Pole

Hinge w/logo

Two Plies Steel

30 YEARS QUALITY ASSURANCE

19"GERMANY® EXPORT RACK

FEATURES

◈ **Designed and Manufactured** To comply Standards of EIA-310-E (Rev.EIA-310D), IEC60297-1, IEC60297-2, BS5954 Part:2, DIN 41494, 19" Standard.

◈ **3-Part Designed** Front Door, Central Part and Back Base.

◈ **Manufactured** Made from 1.2mm Electro-Galvanized Steel Sheet and 2.0mm for mounting pole, 100% rust proof.

◈ **Mounting Pole** Designed to be L-shape angle with 10x10mm square punching hole to increase strength and flexible to adjust freely with screened Rack unit (U) on the mounting pole.

◈ **Front Door**
 - For G1-XXXXX model was the steel frame with light brown acrylic 5.0mm thickness and 38 cm width, with film protection (About the height will follow as the size of Rack unit).
 - For G1-XXXXXF model was the steel frame with light brown acrylic 5.0mm thickness and 38 cm width, with and film protection (About the height will follow as the size of Rack unit) and perforated capsule surrounding for ventilation.
 - For G1-XXXXXP model was the steel with perforated capsule ventilation surrounding for 50% of door's area.
 - Door edge with 3-fin type of dust proof rubber seal (Gray color).
 - Support security lock (cam lock type) with 19" Germany master key, and trademark embossing on the top.

◈ **Center Part** There is sliding rail to adjust the mounting pole. The bottom equipped with special rollers for opening and locking to back base part. The top has pre-punch fan pattern for mounting the fan sets (1-3 fan sets for installation). The both side have ventilation grill and support security locking system with 19" Germany master key same as the front door.

◈ **Back Base** There is the clip with 10x10cm. for cable access at the top and bottom and can be mounting to the wall with screws by 2.4mm thickness two plies steel on the rear part.

◈ **Hinge** Made from 3 pieces of special high strength (ABS) or other materials (as requested), without disturbance noise and rust-free. The front and rear door can reverse to change the opening direction from the left or right side by adjusting screw at the nut of hinge.

◈ **Grounding System** 2.5mm copper wire with yellow and green color stripe which connect between cabinet's structure and door.

◈ **New Shine Light Gray** Two-tone color painted by Electrostatic powder coat system with international standards ASTM

◈ **Screw Set** Provided screws, captive nuts, plastic washer with nickel plating and M6 standard.

◈ **Manufacturer and Distributor** Certified by ISO 9001 : 2015.

◈ **Index of Protection** IP 20.

Options

Color	:	*Black or other (as requested)
Pole	:	4 Poles

Delivery with

- 3 Master key with key number and trademark embossing
- 4 Sets of wall mounting screw.
- Nut and screw sets according to no. of Rack unit (U).

ORDERING INFORMATION   W=Width 600 mm. Standard

1U = 44.45 mm.	Overall Height (mm.)	Order No. of Different Depth (mm.)			Figure
		D = 400	D = 500	D = 600	
6U	320	G1-60406	G1-60506	G1-60606	A
9U	455	G1-60409	G1-60509	G1-60609	A
12U	590	G1-60412	G1-60512	G1-60612	
6U	320	G1-60406F	G1-60506F	G1-60606F	B
9U	455	G1-60409F	G1-60509F	G1-60609F	B
12U	590	G1-60412F	G1-60512F	G1-60612F	
6U	320	G1-60406P	G1-60506P	G1-60606P	C
9U	455	G1-60409P	G1-60509P	G1-60609P	C
12U	590	G1-60412P	G1-60512P	G1-60612P	

WALL RACK OUTDOOR

G2 OUTDOOR SERIES

19"GERMANY®
EXPORT RACK

Push Handle Lock

Mounting Pole w/Screen UH

Mounting Pole Can be Adjustable

3 Knock Out Holes

FEATURES

◈ **Designed and Manufactured** To comply with EIA-310-E (Rev.EIA-310D) IEC 60297-1, IEC 60297-2, BS5954 part : 2, DIN 41494, IEC 60529 : 2013 Standard.

◈ **19" Wall Rack Type** It was designed for outdoor application and suitable for 19" Standard of Network Equipment, FDU, Patch panel or CCTV system.

◈ **Rack unit Size** 6U, 9U or 12U

◈ **Dust and Water Protection** Comply to IP55 Standard.

◈ **Two Layers Design** Front and side panel provide the sun shield layer for harsh Environment of outdoor application.

◈ **Structure** Made from 1.2mm Electro-Galvanized Steel Sheet, light weight and 100% rust proof.

◈ **Front Door** Two layers design with push-handle lock and 180° opening door with roofer for ventilation.

◈ **Side Panel** Can open both side 120° with push-handle lock for easy installation, water proof, dust filter with roofer for ventilation.

◈ **Back Side** Four steel support bar with 2.0mm thickness.

◈ **Roof Cover** There is ventilation grill. The top side can be mounted with 1-3 of 4" the ventilating fan to ventilate the accumulated heat inside of the cabinet and extend the lifetime of network equipment.

◈ **Waterproof** Front door, Side panel and Roof cover waterprooved by CNC foam gasket sealing

◈ **Mounting Pole** Made from 2.0mm Electro-Galvanized Steel with 8 levels adjustable and screened Rack unit (U) on the mounting pole.

◈ **Base** Provided removable plate with rubber shield and 3 knock out holes with ¾" and 1"size for cable access.

◈ **Grounding System** Provided 3 ground wire connecting point, which connect between cabinet's structure and door.

◈ **Color** Special dark gray color painted by Electrostatic powder coat system with international standards ASTM.

◈ **Manufacturer and Distributor** Certified by ISO 9001 : 2015.

ORDERING INFORMATION   W=Width 600 mm. Standard

1U = 44.45 mm.	Overall Height (mm.)	Order No. of Different Depth (mm.)			Color
		D = 400	D = 500	D = 600	
6U	480	G2-604060UT	G2-605060UT	G2-606060UT	Dark Grey
9U	613	G2-604090UT	G2-605090UT	G2-606090UT	Dark Grey
12U	745	G2-604120UT	G2-605120UT	G2-606120UT	Dark Grey

Recommend Accessories

Order No.	Description	Color
G7-05001	1 x Ø 4" Heavy Duty Fan	Black
G7-05002	2 x Ø 4" Heavy Duty Fan	Black, Light Grey
G7-00006	AC Power Distribution 6 Outlet w/Cable 3M & Surge Protection	Black, Light Grey

IP Code 55

MINI STEEL BOX w/Shelf

G6 SERIES

FEATURES

- ◈ **Manufactured** Made from 100% rustproof steel 0.8 mm.
- ◈ **Color** Available for two colors, Black and Light Gray.
- ◈ **Front Door**
  - For G6-30030/B model was the steel frame with Front acrylic Leaf design 3.0mm thickness.
  - For G6-40040/B model was the steel frame with Front acrylic Leaf design 5.0mm thickness.
- ◈ **Trademark** Located at the upper part of front door.
- ◈ **Side Panels** The both side have ventilation grill and one side with 4x4cm hole for cable access.
- ◈ **Roof Cover** The top side can be mounted with single 4"ventilating.
- ◈ **Shelf**
  - For G6-30030/B model 20cm depth shelf which up and down adjustable
  - For G6-40040/B model 25cm depth shelf which up and down adjustable
- ◈ **Pedestal** Provided 4 pedestal's base with M8 standard which is flexible to adjust for the slope floor and made from Black ABS to protect the electrostatic and leaking electricity.
- ◈ **Wall Mounting** Provided 4 sets of wall mounting screw and hanger slots on the back part.
- ◈ **Manufacturer and Distributor** Certified by ISO 9001 : 2015.

Pedestal

Ventilation Grill

Roof Cover

Shelf

Hanger Slots

Cable Access

ORDERING INFORMATION

Order No.	Description	(WxDxH)	Weigth
G6-30030	19" GERMAN MINI STEEL BOX w/Shelf (Gray)	30x30x30	4.5 Kg
G6-30030B	19" GERMAN MINI STEEL BOX w/Shelf (Black)	30x30x30	4.5 Kg
G6-40040	19" GERMAN MINI STEEL BOX w/Shelf (Gray)	40x40x30	4.7 Kg
G6-40040B	19" GERMAN MINI STEEL BOX w/Shelf (Black)	40x40x30	4.7 Kg

IP Code 20

OPEN RACK

FEATURES

- **Designed and Manufactured** To comply Standards of EIA-310-E (Rev.EIA-310D), IEC60297-1, IEC60297-2, BS5954 Part:2, DIN 41494, 19" Standard.
- **19' GERMANY OPEN RACK** Free standing rack with mounting pole frame on the ski base, additional frame can add on the same base.
- **Manufactured** Made from 2.0mm Electro-Galvanized Steel Sheet.
- **Mounting Angle Pole** Designed to be C-shape angle with 10x10mm square punching hole for increase strength. with screened Rack unit (U) on the mounting pole.
- **Ski Base** Provided 2 sets of crossing steel frame to mount the ski base and can remove for mounting at mounting pole frame. The bottom have castor and pedestal.
- **Pedestal** Equipped with castor base and adjustable.
- **Caster** Made from 50mm diameter of Black Nylon 6, swiveling at 360° and convenience to move.
- **New Shine Light Gray** Two-tone color painted by Electrostatic powder coating process for scratch resistance.
- **Screw Set** Provided screws, captive nuts, plastic washer with nickel plating and M6 standard.
- **Manufacturer and Distributor** Certified by ISO 9001 : 2015.

Delivery With

- Nut and screw sets according to no. of Rack unit (U).

ORDERING INFORMATION

Order No.	Description	Ski Base (WxD)	Height (mm.)
G0-60027	19" GERMAN OPEN RACK 27U	530 x 700 mm.	1325 mm.
G0-60036	19" GERMAN OPEN RACK 36U	530 x 700 mm.	1725 mm.
G0-60042	19" GERMAN OPEN RACK 42U	530 x 700 mm.	1985 mm.

Order No.	Description	Height (mm.)
G0-60027F	19" GERMAN FRAME OPEN RACK 27U	1270 mm.
G0-60036F	19" GERMAN FRAME OPEN RACK 36U	1670 mm.
G0-60042F	19" GERMAN FRAME OPEN RACK 42U	1930 mm.

Mounting Pole
w/Screen UH

Caster

Pedestal

TELECOM RACK

FEATURES

◈ **Designed and Manufactured** To comply Standards of ETSI Standards (The European Telecommunications Standards Institute) or EIA-310-E with strength and durability.

◈ **Rack Structure** Designed for Top part, Base part and Fixed pole which drilled to comply to telecom's standard.

◈ **Suitable and Convenience** For fixing telecommunication equipment. It is strongly base sheet for fixed pole and stand-set is flexible to adjust.

◈ **Manufactured** Made from 2.0mm Electro-Galvanized Steel Sheet, 100% rust proof.

◈ **New Shine Light Gray** Light gray color painted by Electrostatic powder coat system with international standards ASTM.

◈ **Manufacturer and Distributor** Certified by ISO 9001 : 2015.

ORDERING INFORMATION

Order No.	Description	Dimention WxDxH (mm.)
G0-61936	19" GERMANY EXPORT TELECOM RACK 36U	550 x 300 x 1800 mm.
G0-61942	19" GERMANY EXPORT TELECOM RACK 42U	550 x 300 x 2050 mm.
G0-61945	19" GERMANY EXPORT TELECOM RACK 45U	550 x 300 x 2200 mm.
G0-62142	21" GERMANY EXPORT TELECOM RACK 42U	600 x 300 x 2050 mm.
G0-62145	21" GERMANY EXPORT TELECOM RACK 45U	600 x 300 x 2200 mm.

Cable Management

Base
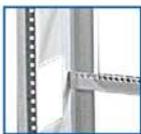
Mounting Pole

VENTILATING FAN

19"GERMANY ®
E X P O R T   R A C K

A

B

C

Power Cord

Plastic Guard

Impeller

Frame

FEATURES

- **Designed** For heat ventilation in the cabinet.
- **Manufactured** Designed with 2 Ball bearing Heavy duty. Impellers made from fiberglass reinforced plastic which comply to UL94V-0 and impedance protection.
- **Dimension** 120x120x38mm with Die-Cast Aluminum Housing and 7.0mm thickness, Black ABS plastic guard with 19" Germany Export Rack trademark.
- **Frame** Made from Electro-Galvanized Steel sheet in light gray color painted by Electrostatic powder coating process.
- **Power Cord**
  1.80m, 2x0.5mm^2 ($\approx$20AWG) for 1xØ4" Fan.
  1.40m, 3x0.82mm^2 ($\approx$18AWG) for 2xØ4", 3xØ4" Fan.
- **Manufacturer and Distributor** Certified by ISO 9001 : 2015.

Technical Specification

- Speed	: 2,650 rpm @ 50 Hz , 3,000 rpm @ 60 Hz
- Max. Air-Flow	: 2.38 m^3/min or 84.8 CFM
- Max. Input Power	: 22 Watts @ 50 Hz , 19 Watts @ 60 Hz
- Acoustical Noise	: 46 dB (A)
- Input Voltage	: 220-230 VAC , 50/60 Hz
- Operating Temperature	: -30°C to +70°C
- Life Expectancy	: 50,000 Hours Continuous
- Approval	: CE & UL/CSA

Options

- Frame Color   : *Black color (as requested)

ORDERING INFORMATION

Order No.	Description	Figure
G7-05001	1 x Ø 4" HEAVY DUTY FAN (Individual) w/Cable 1.8 M	A
G7-05002	2 x Ø 4" HEAVY DUTY FAN SET w/Cable 1.4 M	B
G7-05003	3 x Ø 4" HEAVY DUTY FAN SET w/Cable 1.4 M	C

* Order No. for Black Color   :   G7-050XX**B**

Sample : G7-05002**B**   2 x Ø 4" HEAVY DUTY FAN SET w/Cable 1.4 M., Black Color

AC POWER DISTRIBUTION UNIT, 16A

19"GERMANY ®
E X P O R T   R A C K

TIS.2432-2555
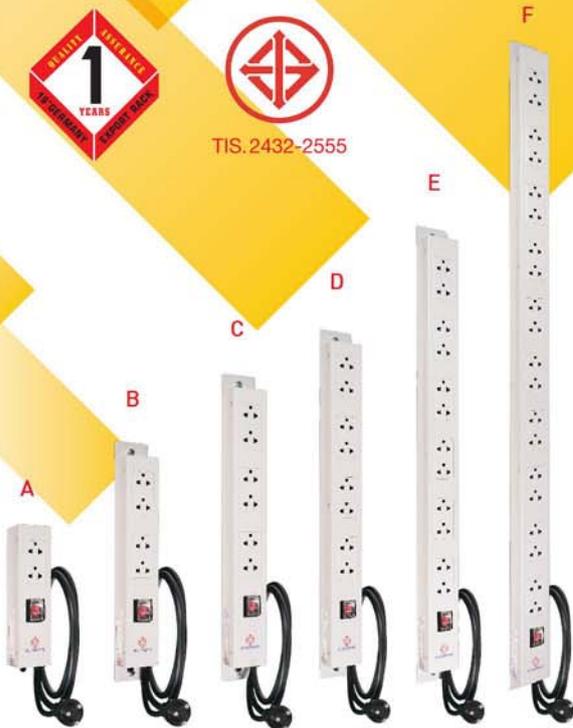
16A

* Black Color : G7-00XXX**B**

TIS Plug

Lighting Switch With Cover

Safety Shutter TIS Outlet

Electronic Circuit Breaker

Surge suppressor (Line suppression)

FEATURES

◈ **Applications** Provided TIS outlet which is suitable for network equipment, computer, etc.

◈ **16A AC Power Distribution Unit**
   - 4, 6, 8, 12, and 20 outlet 3x2.5mm² (≈13AWG) 2 outlet 1.5mm² with electronic circuit breaker and surge suppressor (line suppression) for short circuit protection.
   - Safety Shutter Outlet
   - 1.8m Power cord for 2 and 4 outlets.
   - 3m Power cord for 6, 8, 12 and 20 outlets.

◈ **19" Germany Export Rack Socket** Made from PC/ABS (UL94V-0), TIS type with embossing trademark.

◈ **Manufactured provide**
   - Illuminated switch with cover, short circuit and over current electronic circuit breaker.
   - Housing is made from Electro-Galvanized Steel sheet in Light gray or Black paint by Electrostatic powder coating process.
   - Mounting bracket for vertical or horizontal installation in 19" Rack cabinet.

◈ **Model** 2, 4, 6, 8, 12 and 20 outlets.

◈ **Manufacturer and Distributor** Certified by ISO 9001 : 2015.

Technical Specification

Socket Outlet	:	Safety Shutter Socket with L, N and G, TIS 166-2549
Electronic Circuit Breaker	:	16A, IEC 60934
Lighting Switch w/Cover	:	16A, EN 61058-1
Surge Current	:	6.5KA or 10KA
Input Voltage	:	220 - 250VAC, 50/60Hz
Max Power	:	3,680W
Plug Type	:	L, N and G, TIS 166-2549
Power Cord	:	60227 IEC 53 & TIS 11 Part 5-2553
Housing	:	Electro-Galvanized Steel Thickness 0.8mm.
Approval	:	TIS 2432-2555
Temperature	:	-25°C to +85°C

ORDERING INFORMATION

Order No.	Description	Figure
G7-00002	AC POWER DISTRIBUTION 2 TIS Outlet w/Cable 1.8 M. & Surge Protection, 16A	A
G7-00004	AC POWER DISTRIBUTION 4 TIS Outlet w/Cable 1.8 M. & Surge Protection, 16A	B
G7-00006	AC POWER DISTRIBUTION 6 TIS Outlet w/Cable 3 M. & Surge Protection, 16A	C
G7-00008	AC POWER DISTRIBUTION 8 TIS Outlet w/Cable 3 M. & Surge Protection, 16A	D
G7-00012	AC POWER DISTRIBUTION 12 TIS Outlet w/Cable 3 M. & Surge Protection, 16A	E
G7-00020	AC POWER DISTRIBUTION 20 TIS Outlet w/Cable 3 M. & Surge Protection, 16A	F

* Black Color : G7-00XXX**B**

IP Code 20

19"GERMANY ®
E X P O R T R A C K

FEATURES

◈ **Applications** Provided TIS outlet which is suitable for network equipment, computer, etc.

◈ **32A AC Power Distribution Unit**
- 3x6mm^2 with 32A circuit breaker and surge protector for short circuit protection.
- 3m Power cord with IEC 60309 plug for 12 and 20 outlets.

◈ **19" Germany Export Rack Socket** Made from PC/ABS (UL94V-0), TIS type with embossing trademark.

◈ **Manufactured provide**
- LED Pilot Lamp and 32A Circuit Breaker w/Guard
- Housing is made from Electro-Galvanized Steel sheet in Light gray or Black paint by Electrostatic powder coating process.
- Mounting bracket for vertical installation in 19" Rack cabinet.

◈ **Manufacturer and Distributor** Certified by ISO 9001 : 2015.

Technical Specification

Socket Outlet	:	Safety Shutter Socket with L, N and G, TIS 166-2549
Circuit Breaker w/Guard	:	32A
Surge Current	:	6.5KA or 10KA
Input Voltage	:	220 - 250VAC, 50/60Hz
Max Power	:	8,000W
Plug Type	:	Power Plug IEC 60309 (32A), IP44
Housing	:	Electro-Galvanized Steel Thickness 0.8mm.
Power Cord	:	VCT-G, TIS 11 Part101-2553
Temperature	:	-25°C to +85°C

H

G

32A

IEC 60309

Circuit Breaker

Safety Shutter TIS Outlet

LED Pilot Lamp

Surge suppressor (Line suppression)

ORDERING INFORMATION

Order No.	Description	Figure
G7-00112	AC POWER DISTRIBUTION 12 TIS Outletw/Cable 3 M. & IEC 60309 Plug W/CB 32A	G
G7-00120	AC POWER DISTRIBUTION 20 TIS Outletw/Cable 3 M. & IEC 60309 Plug W/CB 32A	H

* Black Color :   G7-00XXX**B**

IP Code 20

GERMAN RACK 2023 -2024

PDU Product Guide

Order Number	Safety Shutter Outlet		Plug Type		Special Function					L x W x H (cm)
	TIS 166-2549	TIS 166-2549 (Black)	TIS 166-2549 16A	Industrial Power Plug IEC60309 32A	Lighting Switch w-Cover	LED Pilot Lamp	Electronic Circuit Breaker	Circuit Breaker w/Guard 32A	Surge suppressor	
G7-00004	4	-	✓	-	✓	-	✓	-	✓	39.2 x 5.8 x 4.45
G7-00006	6	-	✓	-	✓	-	✓	-	✓	49.5 x 5.8 x 4.45
G7-00008	8	-	✓	-	✓	-	✓	-	✓	59.5 x 5.8 x 4.45
G7-00012	12	-	✓	-	✓	-	✓	-	✓	78.4 x 5.8 x 4.45
G7-00020	20	-	✓	-	✓	-	✓	-	✓	118 x 5.8 x 4.45
G7-00004B	-	4	✓	-	✓	-	✓	-	✓	39.2 x 5.8 x 4.45
G7-00006B	-	6	✓	-	✓	-	✓	-	✓	49.5 x 5.8 x 4.45
G7-00008B	-	8	✓	-	✓	-	✓	-	✓	59.5 x 5.8 x 4.45
G7-00012B	-	12	✓	-	✓	-	✓	-	✓	78.4 x 5.8 x 4.45
G7-00020B	-	20	✓	-	✓	-	✓	-	✓	118 x 5.8 x 4.45
G7-00112	12	-	-	✓	-	✓	-	✓	✓	87 x 5.8 x 4.45
G7-00120	20	-	-	✓	-	✓	-	✓	✓	127 x 5.8 x 4.45
G7-00112B	-	12	-	✓	-	✓	-	✓	✓	87 x 5.8 x 4.45
G7-00120B	-	20	-	✓	-	✓	-	✓	✓	127 x 5.8 x 4.45

COMPONENT SHELVES

A

B

C

Load Test   Ventilation

19" GERMANY Sliding Rail

FEATURES

◈ **Designed and Manufactured** To comply Standards of EIA-310-E (Rev.EIA-310D), IEC60297-1, IEC60297-2, BS5954 Part:2, DIN 41494

◈ **19" Germany Export Rack Shelves** Designed with 19" Germany Export Rack trademark embossing and perforated surrounding for ventilation, suitable for all 19" Rack system.

◈ **Manufactured** Made from 1.5mm Electro-Galvanized Steel Sheet.

◈ **Maximum Load Capability**
- 1U Front screw shelf for open rack and wall rack : 50kg (Picture A)
- Fixed shelf : 100kg (Picture B)
- Sliding shelf : 75kg (Picture C)

◈ **Color** New shine light gray painted by Electrostatic powder coating process.

◈ **Manufacturer and Distributor** Certified by ISO 9001 : 2015.

Options

Color : *Black color (as requested)

ORDERING INFORMATION

Description	Deep					Figure
	250 mm.	480 mm.	650 mm.	750 mm.	950 mm.	
Front Panel Fix Shelf	G7-01025	-	-	-	-	A
Fix Component Shelf	-	G7-02045	G7-02065	G7-02075	G7-02095	B
Slide Component Shelf	-	G7-03045	G7-03065	G7-03075	G7-03095	C

* Order No. for Black Color : G7-0XXXXB

Sample : G7-02065B Fix Component Shelf Deep 65 cm., Black Color

Load Test

ACCESSORIES

G7-05112

- Thermostad Panel Set
- Adjust Temp.Range : 0°C to 80°C
- Can use for controling the ventilating fan
- Power Cord 3 m.

*Available Black color on request

G7-09201

- Lighting Set
- Lamp : 5W
- Input Voltage : 220VAC/50Hz

*Available Black color on request
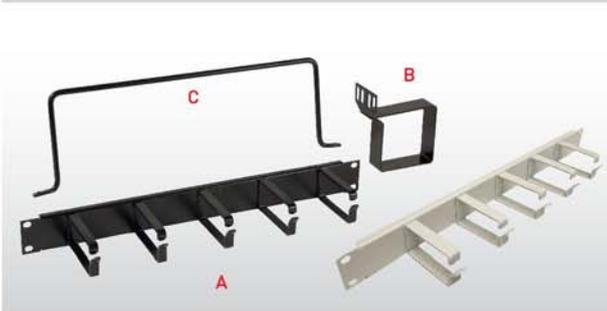
G7-06002 (A)
- Cable Management Panel, 1U

*Order No. for Black Color : G7-06002B

G7-06004 (B)
- Vertical Management Ring

G7-06006 (C)
- Cable Back Support Bar

G7-06003
G7-06003B

- Cable Management Panel with Cover, 1U

*Available Cable Management Panel with Cover, 2U
*Order No. for Black Color : G7-06003B

G7-0601X

- Blank Panels x U* (x = 1, 2, 3, 4, 5, 6, 7, 8)
  *Available Black color on request
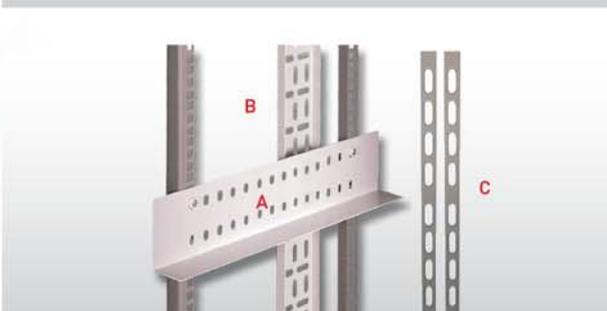
G7-080XX (A)
- Cassis Guide Set (2 Pcs/Set) (xx = Deep = 45, 65, 75, 95 cm.)

G7-090XX (B)
- Cable Tray 7.5 cm for Cable Run (xx = U = 15, 27, 36, 39, 42, 45)

G7-060XX (C)
- Cable Cover Panel for Cabinet 800 Width G3, G4 (xx = U = 42, 45)

ACCESSORIES

G7-09101 (A)
- Baying Kit Set (6 Pcs/Set)

G7-09300 (B)
- Screw M6 + Captive Nut M6 + Plastic Washer Set

G7-09300SET (C)
- Screw M6 + Captive Nut M6 + Plastic Washer Set (10 Ea/Pkg)
*Available Black color on request
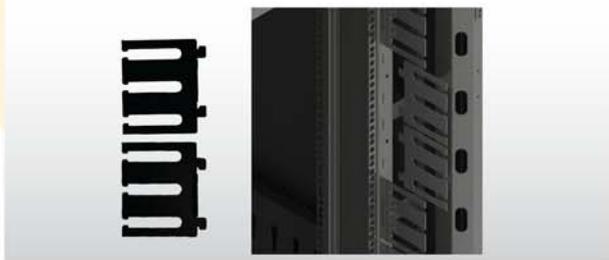
G7-06005
- Vertical Front Cable Management for IDC Rack G8 Series 2 Pcs/Pkg

G7-06005SET
- Vertical Front Cable Management for IDC Rack G8 Series 10 Pcs/Pkg

G7-090XX
- Vented Raised Roof Cover for G3 Series, G4 Series

G7-02099
- Catilever Support Set for Open Rack G0 Series 2 Pcs/Pkg

19"GERMANY®
EXPORT RACK

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