



### Elegant Wall 19" Wall Mount Rack Cabinet H:04U-20U W:600 x D:450

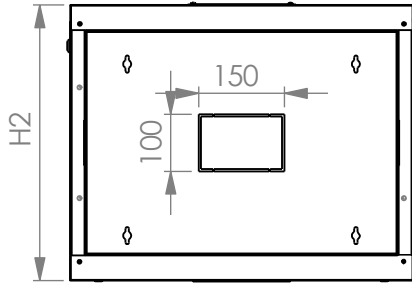
- Monoblock welded top and bottom case
- Hinged, removable and lockable front door  
(Check 4th page for door options)
- Fixed, removable rear door with M-joint cable entry  
(Check 4th page for door options)
- Removable and lockable side panel
- Bottom case is suitable for cable entry
- Top case is suitable for fan mounting and sliding cable entry
- 2 pieces 19" mounting rails that can move in the depth of the cabinet
- 100kg carrying capacity
- Flat-packed construction

**List Code:** ELGWXXU6045CC111

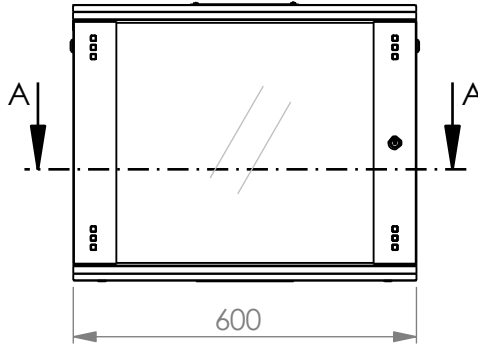
#### Technical Data

Dimensions: WxDxH mm	W:600mm D:450mm H:(Check 2nd page for height values)
Height in U	04U-7U-9U-12U-16U-20U
Material	Sheet Steel, DIN EN 10130 DC-01 (6112)
Color	EN 10346 DX51D + Z (1311) RAL 9005 Black Color= <b>ELGWXXU6045BL111</b> or RAL 7035 Light Grey Color= <b>ELGWXXU6045LG111</b>
Standards	TS EN 61587-1
Load Carrying Capacity	100kg (It can carry 200kg load with the wall support bracket D450.) <b>Product Code:</b> ELGWLGDPP45
Climatic Test	C2
Industrial Atmospheric Test	A2
Static Mechanical Load Test	SL5 - LT5 -ST5 -NL5
Dynamic Load Test - Vibration	DL4V
Dynamic Mechanical Load Test - Shock	DL4S
Impact Test	IK07
IP rating	IP 20

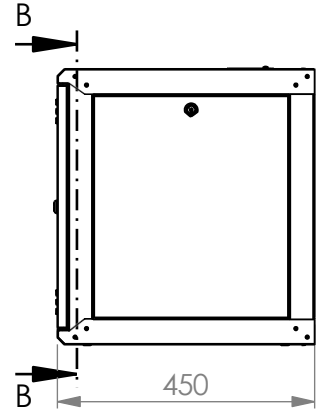
Rear view



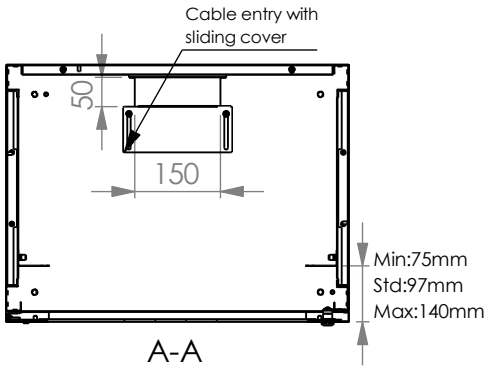
Front view



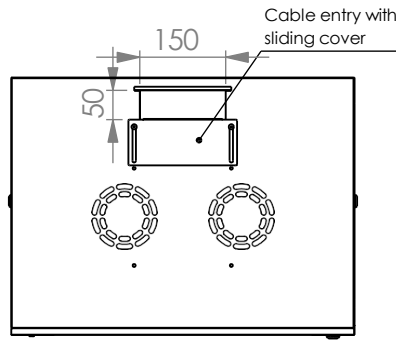
Side view



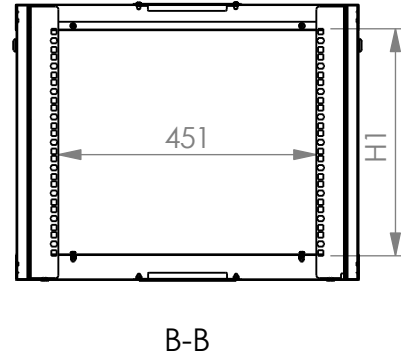
Bottom view



Top view



Inner view

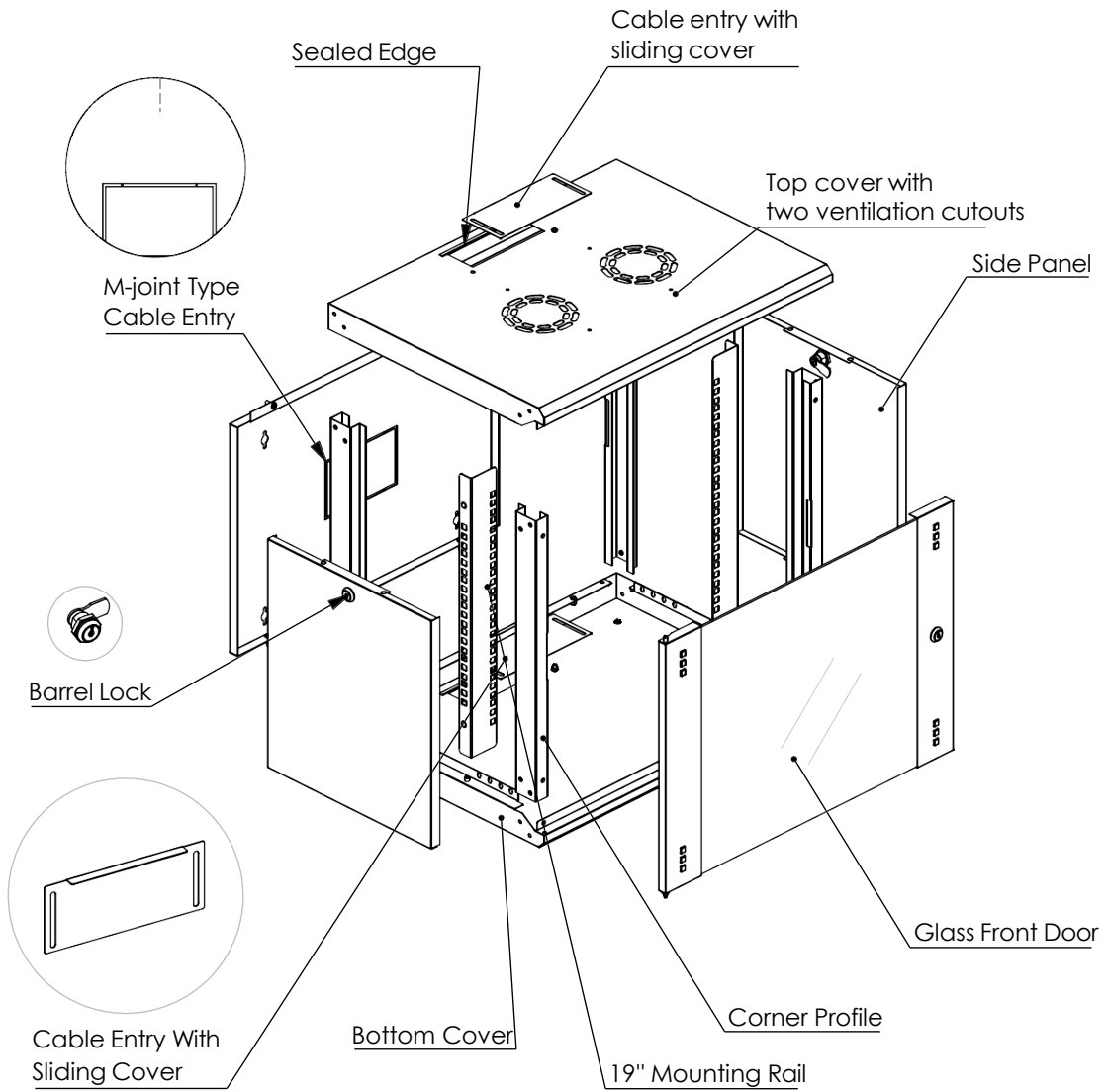


**ELEGANT WALL 600 x 450 mm**

Product Code	Product Description	Width (W) mm	Depth (D) mm	H:1 Inner Height (mm)	H:2 Outer Height (mm)	H:3 Wall Mounting Hole Distance (mm)
ELGW04U6045CC111	Elegant Wall 19" 4U W=600 mm D=450 mm Glass Front Door - Fixed Rear Door	600	450	177,8	259,75	100
ELGW07U6045CC111	Elegant Wall 19" 7U W=600 mm D=450 mm Glass Front Door - Fixed Rear Door	600	450	311,15	393,1	200
ELGW09U6045CC111	Elegant Wall 19" 9U W=600 mm D=450 mm Glass Front Door - Fixed Rear Door	600	450	400,05	482	300
ELGW12U6045CC111	Elegant Wall 19" 12U W=600 mm D=450 mm Glass Front Door - Fixed Rear Door	600	450	533,4	615,35	400
ELGW16U6045CC111	Elegant Wall 19" 16U W=600 mm D=450 mm Glass Front Door - Fixed Rear Door	600	450	711,2	793,15	600
ELGW20U6045CC111	Elegant Wall 19" 20U W=600 mm D=450 mm Glass Front Door - Fixed Rear Door	600	450	889	970,95	800

\*CC represents color code, 111 represents door code.

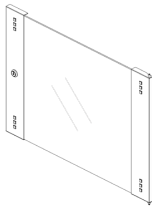
Explode View



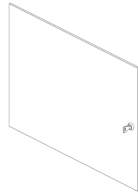
ELEGANT WALL OPTIONS

Industrial Coding Initial Character	'U' Height	Width-Depth Dimensions	Color Code		Door Options		
					X	X	X
					FRONT DOOR	REAR DOOR	SIDE PANEL
AAAA	XXU	WWDD	CC				
ELGW	4U	6045	RAL 7035	LG	1 Hinged Glass Front Door	1 Fixed Rear Door	1 Removable Side Panel
	7U	6060	RAL 9005	BL	2 Hinged Metal Front Door	2 Hinged Rear Door	
	9U				3 Hinged Framed Glass Front Door	3 Removable Rear Door	
	12U				9 Hinged %80 Flat Perforated Front Door		
	16U						
	20U						

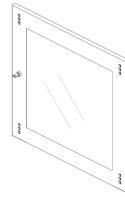
FRONT DOOR OPTIONS



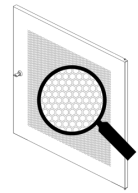
**1**  
Hinged Glass Front Door



**2**  
Hinged Metal Front Door

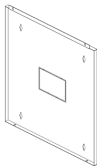


**3**  
Hinged Framed Glass Front Door

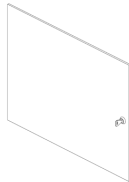


**9**  
Hinged %80 Flat Perforated Front Door

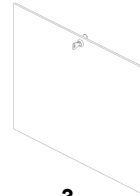
REAR DOOR OPTIONS



**1**  
Fixed Rear Door

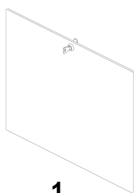


**2**  
Hinged Rear Door



**3**  
Removable Rear Door

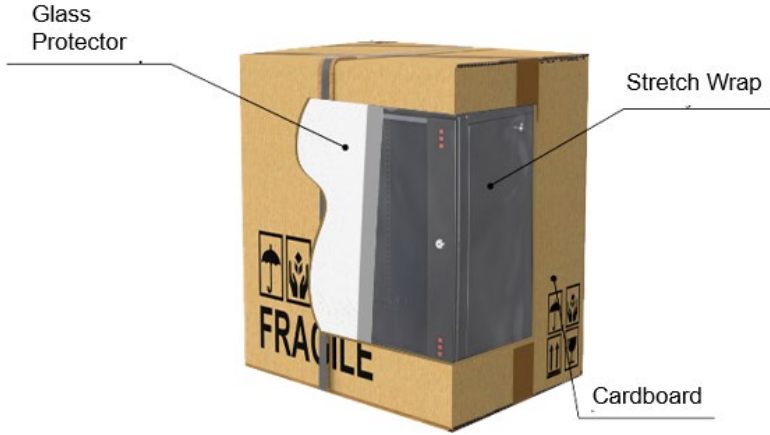
SIDE PANEL OPTIONS



**1**  
Removable Side Panel

## ASSEMBLED

## FLAT-PACKED



Elegant Wall 600 x 450 mm		ASSEMBLED Packing Information	FLAT-PACKED Packing Information	Net Weight (kg)	Gross Weight (kg)
Product Code	Product Description	WxDxH (mm)	WxDxH (mm)		
ELGW04U6045CC111	Elegant Wall 19" 4U W=600 mm D=450 mm Glass Front Door - Fixed Rear Door	630X490X290	500X640X170	12,5	13,5
ELGW07U6045CC111	Elegant Wall 19" 7U W=600 mm D=450 mm Glass Front Door - Fixed Rear Door	630X490X420	500X640X170	15	17
ELGW09U6045CC111	Elegant Wall 19" 9U W=600 mm D=450 mm Glass Front Door - Fixed Rear Door	630X490X510	500X640X170	18	20
ELGW12U6045CC111	Elegant Wall 19" 12U W=600 mm D=450 mm Glass Front Door - Fixed Rear Door	630X490X650	640X640X170	21	24
ELGW16U6045CC111	Elegant Wall 19" 16U W=600 mm D=450 mm Glass Front Door - Fixed Rear Door	630X490X830	640X830X230	23	26
ELGW20U6045CC111	Elegant Wall 19" 20U W=600 mm D=450 mm Glass Front Door - Fixed Rear Door	630X490X1010	640X1010X240	29	31,3

\*The information given in the table above are average values and are for informational purposes only. It may vary according to accessories and door options. Please contact our sales consultant for the exact information of your orders.

## TECHNICAL SPECIFICATIONS

### PROTECTION INDEX

- IP20 According to EN 61587-1 / IEC 60529

### MECHANICAL PERFORMANCE

EN 61587-1 15.01.2018

- Load Test (Performance Level SL5-LT5-ST5-NL5)
- Dynamic Load Test - Vibration (Performance level DL4V) IEC 60068-2-6
- Dynamic Mechanical Load Test - Shock (Performance level DL4S) IEC 60068-2-27
- Impact Test IEC 60068-2-75 IEC62262 (Performance Level IK07)
- Permissible Load Carrying Capacity : 100kg

### CLIMATIC TEST(Performance level (C2)

- Cold (IEC 60068-2-1)
- Dry Heat (IEC 60068-2-2)
- Damp Heat Cyclic(IEC 60068-2-30)

### INDUSTRIAL ATMOSPHERE (Performance level A2)

- Salt Mist Test IEC 60068-2-11
- Salt Spray Test TS EN ISO 9227
- Sulphur dioxide test and hydrogen sulphide test IEC 60068-2-42, IEC 60068-2-43, IEC 60068-2-49, IEC60068-2-52

### GROUNDING CONTINUITY

EN 61587-1 / EN 61010-1

- The continuity of the protection circuit is in accordance with the standard regulations. The measured resistance is less than 0.1 Ohm.

### STANDARDS

1. **ISO9001-2015** Quality management system must be used in the production of 19" Rack cabinets.
2. 19" Rack Cabinets must have a **TSE** Certificate EN 61587-1 15.01.2018 standards
3. In addition, all of the main and auxiliary materials used in the manufacturing process must comply with the following standards

- **Material** Sheet Steel, DIN EN 10130 DC-01 (6112) / EN 10346 DX51D + Z (1311)
- **Electrostatic powder paint** ISO 9001:2015 ASTM D523; ASTM D2794; DIN EN ISO 2811-1; ASTM D1186/D1400; Ral:9005 or Ral:7035.
- **Ventilation Units (Fan Unit)** "EMC EN55032:2015 & LVD EN IEC 62368-1: 2020 +A11:2020
- **Glass** "ISO 9001 , EN 12150 – 2 : Glass, Tempered, safe" Mechanical Durability test result: Bending resistance minimum 120 N/ mm<sup>2</sup>
- **Connection Components** (screw, nut, washers etc.)" TS EN ISO 7045; TS EN ISO 4032; RoHS IEC 62321 "
- **Castor Set** " TS EN 12532 , TS EN 12533 , RoHS IEC 62321:2008"
- **Locks System** DIN-EN ISO 1043-1 PA6 GFR 30; DIN-EN 1774-ZnAl4Cu1

## TECHNICAL SPECIFICATIONS

**Documents;** The manufacturer should have ISO 9001:2015 quality assurance system and EN 61587-1 15.01.2018 (Mechanical structures for electronic equipment) standards in the production of 19" cabinets and should be presented in the offer file.

**Standards:** Cabinets must be 19" in ETSI and/or EIA 310-D standards.

**Main Frame and Profile Structure;** It should be manufactured to provide axial strength and resistance to external impacts. Profiles should be fitted to the top and bottom case and screwed with M5 special head screws. Axial strengths should be taken into consideration during the positioning of the mounting screws.

**Bottom Case and Top Case;** It should have a monoblock twisted and welded structure that will increase the durability and strength of the cabinet. There should be a 50x150 mm sliding cable entry on the cases. On the top case; there should be ventilation cut-outs for fan unit.

**Rear Door;** fixed rear door with M-joint cable entry.

**Side Panel;** It should have a lockable, openable and removable structure.

**Front Door;** It should be tempered, secure, smoked, grinded, 4 mm glass. The front glass door should have a metal frame structure with screws holding the glass on the right and left of the glass to increase the strength of the door. Front glass door; It has a structure that can be opened at least 180 degrees, lockable and removable. It should be able to be installed to the right/left when needed.

**19" Mounting Rails;** In D:450mm cabinets, it should be formed as 2 pieces in front, 1U = 44.45mm precision size, 9.5x9.5mm square holes will be manufactured in CNC punch machines with +/- 0.01 precision. 19" mounting rails must have "U" dimensions marked on the front side by screen printing. 19" mounting rails should be manufactured and assembled in such a way that they can move along the depth of the cabinet.

**Paint;** The cabinets should be painted with electrostatic RAL9005 black powder paint or RAL7035 white powder paint to provide high impact resistance (ISO 9001:2015). It must be resistant to 1000 hours salt test and test result reports must be documented. (TS EN 60068-2-11) On metal surfaces; 80 +/- 5 micron paint thickness must be provided and ASTM D523; ASTM D2794; DIN EN ISO 2811-1; ASTM D1186/D1400; RAL9005 or RAL7035 and the results must be documented by TSE.

**Grounding;** All metal components inside the cabinet must be electrically connected to each other, the grounding resistance must be maximum 0.1 ohm in accordance with IEC 61010-1 / 6.5.1.3 standard.

**Area of Use;** There should be a hole structure suitable for the installation of levelling feet on the bottom case of the cabinet so that the wall mounting cabinets can be used on the floor.

**Shipment;** Elegant Wall products can be shipped as assembled or flat-packed.