DATA SHEET



Elegant Net 19" Free Standing Rack Cabinet
H:12U-47U W:600 D:1000

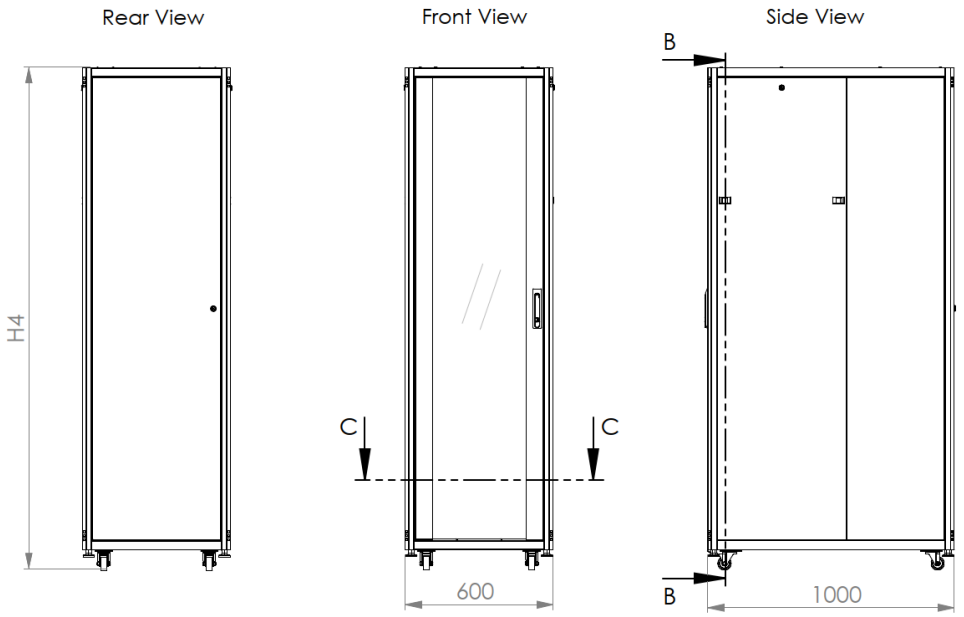
- Hinged glass single front door
- Hinged metal single rear door
- Optional perforated front and rear doors
- Removable and lockable side panels
- Top case with M-joint cable entry and suitable for fan mounting
- Bottom case with cable entry with sliding cover
- 4 pieces of 19" mounting rails with 1.5mm thick, numbered from top to bottom and bottom to top that can be moved along the depth of the cabinet.
- 1000 kg carrying capacity (The capacity can be increased up to 1500kg.)
- Flat-packed construction

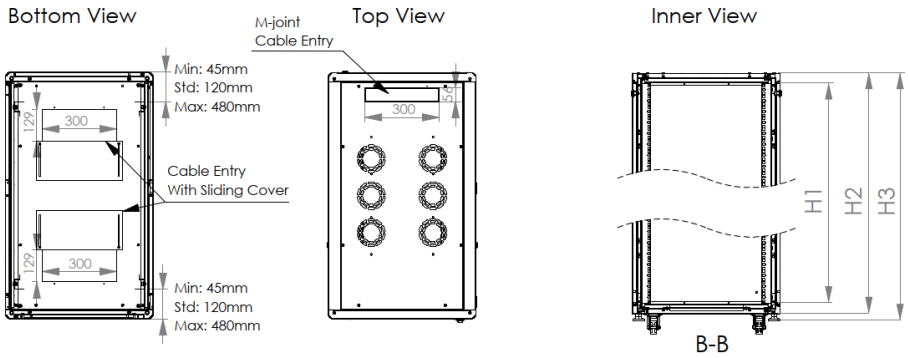
List Code: ELGNXXU6010CC111

Technical Data

Dimensions: WxDxH mm	W:600mm D:1000mm H:(Check 2nd page for height values)
Height in U	12U-16U-20U-22U-26U-32U-36U-42U-45U-47U
Material	Sheet Steel, DIN EN 10130 DC-01 (6112) / EN 10346 DX51D + Z (1311)
Color	*RAL 9005 Black Color* = **ELGNXXU6010BL111** *RAL 7035 Light Grey Color* = **ELGNXXU6010LG111**
Standards	TS EN 61587-1 TS EN 61587-2
Load Carrying Capacity	1000kg
Climatic Test	C2
Industrial Atmospheric Test	A2
Static Mechanical Load Test	SL12- LT5 -ST5 -NL5
Dynamic Load Test - Vibration	DL4V
Dynamic Mechanical Load Test - Shock	DL4S
Impact Test	IK07
IP rating	IP20

ELEGANT NET



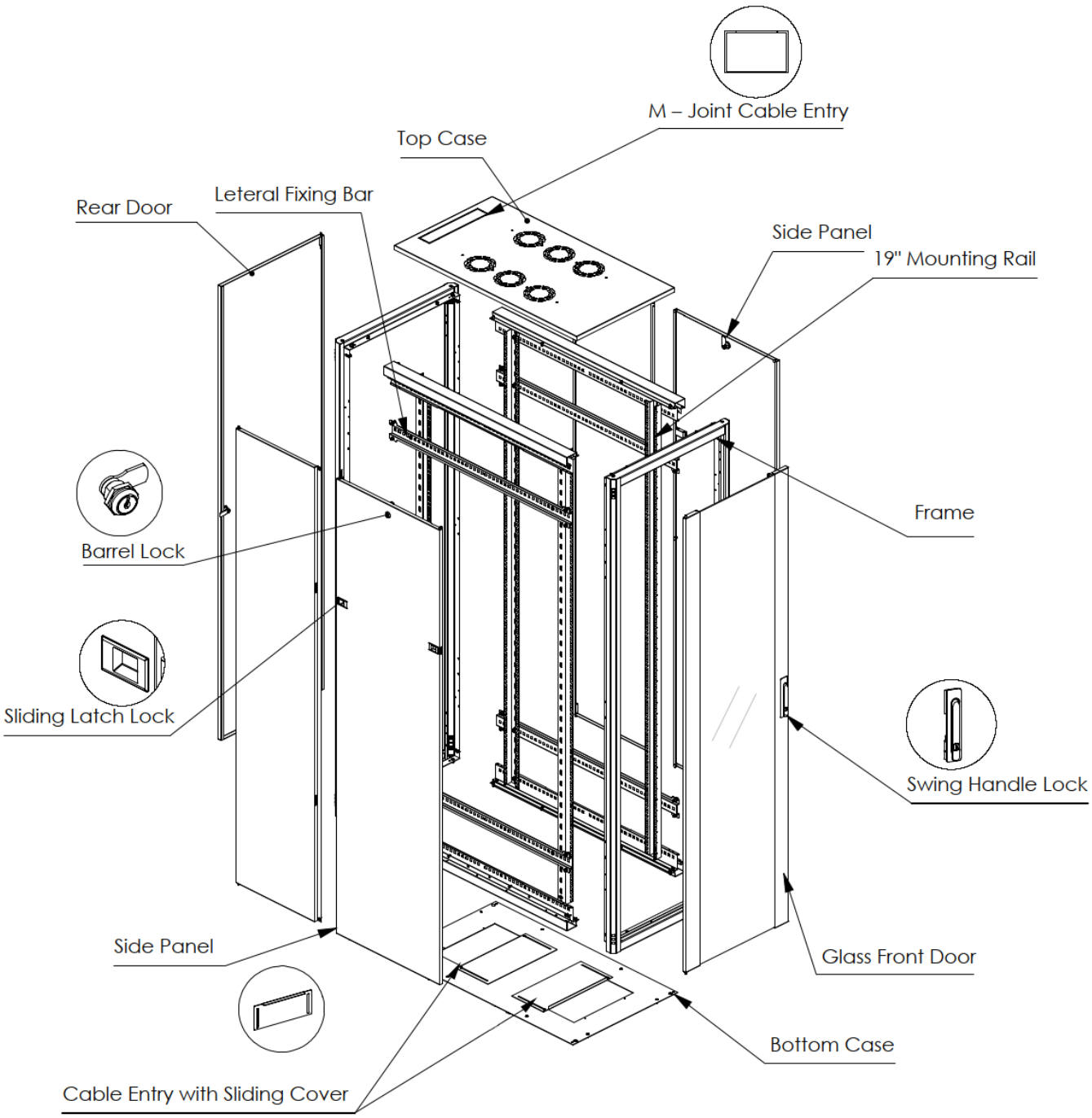


600 x 1000 mm Elegant Net

Product Code	Product Description	Width (W) mm	Depth (D) mm	H:1 Inner Height (mm)	H:2 Outer Height without Levelling Feet Castor Set	H:3 Outer Height with Levelling Feet	H:4 Outer Height with Castor Set
ELGN12U6010CC111	Elegant NET 19" 12U W=600 mm D=1000 mm Glass Single Front Door, Metal Single Rear Door	600	1000	536,6	621,5	651,5	701,5
ELGN16U6010CC111	Elegant NET 19" 16U W=600 mm D=1000 mm Glass Single Front Door, Metal Single Rear Door	600	1000	714,4	799,3	829,3	879,3
ELGN26U6010CC111	Elegant NET 19" 26U W=600 mm D=1000 mm Glass Single Front Door, Metal Single Rear Door	600	1000	1158,9	1243,8	1273,8	1324
ELGN32U6010CC111	Elegant NET 19" 32U W=600 mm D=1000 mm Glass Single Front Door, Metal Single Rear Door	600	1000	1425,6	1510,5	1540,5	1591
ELGN36U6010CC111	Elegant NET 19" 36U W=600 mm D=1000 mmGlass Single Front Door, Metal Single Rear Door	600	1000	1603,4	1688,3	1718,3	1768
ELGN42U6010CC111	Elegant NET 19" 42U W=600 mm D=1000 mmGlass Single Front Door, Metal Single Rear Door	600	1000	1870,1	1955	1985	2035
ELGN45U6010CC111	Elegant NET 19" 45U W=600 mm D=1000 mmGlass Single Front Door, Metal Single Rear Door	600	1000	2003,5	2088,35	2118,4	2168
ELGN47U6010CC111	Elegant NET 19" 47U W=600 mm D=1000 mmGlass Single Front Door, Metal Single Rear Door	600	1000	2092,4	2177,25	2207,3	2257

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

Explode View



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ELEGANT NET
OPTIONS

Industrial Coding Initial Character	'U' Height	Width-Depth Dimensions	Color Code		Door Options		
AAAA	**XXU**	**WWDD**	**CC**		**X** FRONT DOOR	**X** REAR DOOR	**X** SIDE PANEL
ELGN	12U	6060	RAL 7035	LG	**1** Hinged Glass Single Front Door	**1** Hinged Metal Single Rear Door	**0** No Side Panel
	16U	6080	RAL 9005	BL	**2** Hinged Glass Double Front Door	**2** Hinged Metal Double Rear Door	**1** Removable Side Panel
	20U	6010			**3** Hinged %85 Curved Perforated Single Front Door	**3** Hinged %85 Curved Perforated Single Rear Door	**2** Removable Side Panel with Louver
	22U	6011			**4** Hinged %85 Flat Perforated Double Front Door	**4** Hinged %85 Flat Perforated Double Rear Door	**3** Removable %80 Perforated Side Panel
	26U	6012			**5** Hinged %80 Curved Perforated Single Front Door	**5** Hinged %80 Curved Perforated Single Rear Door	
	32U	8080			**6** Hinged %80 Flat Perforated Double Front Door	**6** Hinged %80 Flat Perforated Double Rear Door	
	36U	8010			**7** Hinged Metal Single Front Door	**7** Hinged Glass Single Rear Door	
	42U	8011			**8** Hinged Metal Double Front Door	**8** Hinged Glass Double Rear Door	
	45U	8012			**9** Hinged %80 Flat Perforated Single Front Door	**9** Hinged %80 Flat Perforated Single Rear Door	
	47U				**A** Hinged Full Framed Glass Single Front Door	**A**	
					B Hinged %85 Flat Perforated Single Front Door	**B**	
					C Hinged Framed Glass Double Front Door	**C** Hinged Metal Double Rear Door 3 Point Locking	

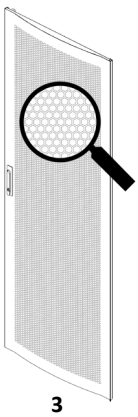
ELEGANT NET
FRONT DOOR OPTIONS



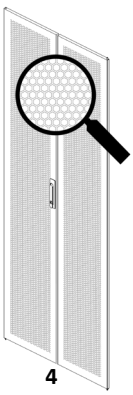
1
Hinged
Glass Single
Front Door



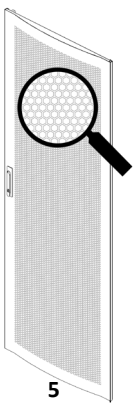
2
Hinged
Glass Double
Front Door



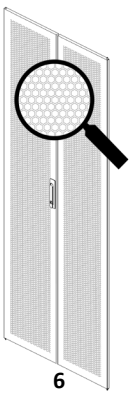
3
Hinged %85
Curved Perforated
Single Front Door



4
Hinged %85
Flat Perforated
Double Front Door



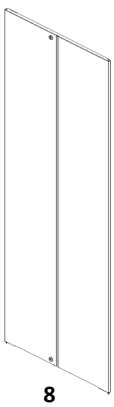
5
Hinged %80
Curved Perforated
Single Front Door



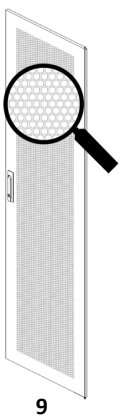
6
Hinged %80
Flat Perforated
Double Front Door



7
Hinged
Metal Single
Front Door



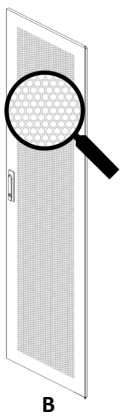
8
Hinged
Metal Double
Front Door



9
Hinged %80
Flat Perforated
Single Front Door



A
Hinged
Full Framed
Glass Single
Front Door



B
Hinged %85
Flat Perforated
Single Front Door

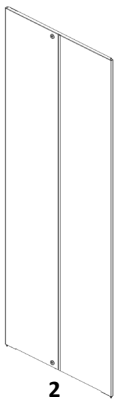


C
Hinged
Full Framed
Glass Double
Front Door

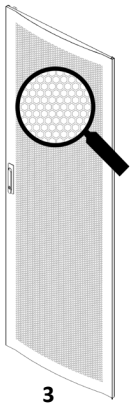
ELEGANT NET
REAR DOOR OPTIONS



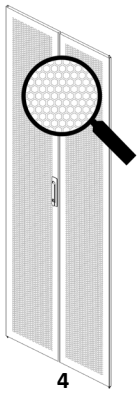
1
Hinged
Metal Single
Rear Door



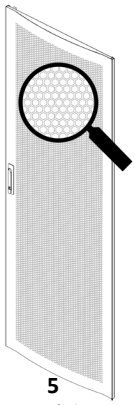
2
Hinged
Metal Double
Rear Doors



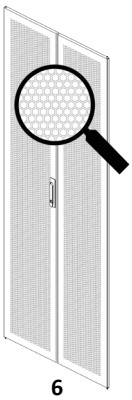
3
Hinged %85
Curved Perforated
Single Rear Door



4
Hinged %85
Flat Perforated
Double Rear Door



5
Hinged %80
Curved Perforated
Single Rear Door



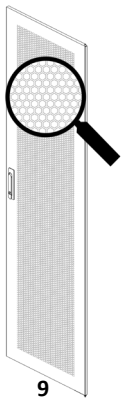
6
Hinged %80
Flat Perforated
Double Rear Door



7
Hinged
Glass Single
Rear Door



8
Hinged
Glass Double
Rear Door



9
Hinged %80
Flat Perforated
Single Rear Door



C
Hinged
Metal Double
Rear Doors
3 Point Locking

ELEGANT NET
SIDE PANEL OPTIONS

0
No Side Panel



1
Removable Side Panel



2
Removable Side Panel
with Louver



3
Removable %80
Perforated
Side Panel

ELEGANT NET

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ASSEMBLED



FLAT-PACKED



600 x 1000 mm FREE STANDING ELEGANT NET		ASSEMBLED Packing Information	FLAT-PACKED Packing Information			
Product Code	**Product Description**	**WxDxH WidthxDepthxHeight (mm)**	**WxDxH WidthxDepthxHeight (mm)**	**Net Weight (kg)**	**Gross Weight (kg)**	**Weight of the product with pallet (kg)**
ELGN12U6010CC111	Elegant NET 19" 12U W=600 mm D=1000 mm Glass Single Front Door, Metal Single Rear Door	640x1040x717	640x720x190	48	51	60
ELGN16U6010CC111	Elegant NET 19" 16U W=600 mm D=1000 mm Glass Single Front Door, Metal Single Rear Door	640x1040x894	640x900x190	55,8	59	68
ELGN26U6010CC111	Elegant NET 19" 26U W=600 mm D=1000 mm Glass Single Front Door, Metal Single Rear Door	640x1040x1339	640x1400x210	70,9	76	85
ELGN32U6010CC111	Elegant NET 19" 32U W=600 mm D=1000 mm Glass Single Front Door, Metal Single Rear Door	640x1040x1606	640x1570x210	80	86	95
ELGN36U6010CC111	Elegant NET 19" 36U W=600 mm D=1000 mm Glass Single Front Door, Metal Single Rear Door	640x1040x1783	640x1700x210	89	96	105
ELGN42U6010CC111	Elegant NET 19" 42U W=600 mm D=1000 mm Glass Single Front Door, Metal Single Rear Door	640x1040x2050	640x2000x210	99,5	107	116
ELGN45U6010CC111	Elegant NET 19" 45U W=600 mm D=1000 mm Glass Single Front Door, Metal Single Rear Door	640x1040x2183	640x2050x210	110,5	118	127
ELGN47U6010CC111	Elegant NET 19" 47U W=600 mm D=1000 mm Glass Single Front Door, Metal Single Rear Door	640x1040x2272	640x2200x210	115,5	123	132

**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

TS EN 61587-1 / 15.01.2018 – TS EN 61587-2 / 08.03.2012

- Load Test (Performance Level SL12-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 : 1000kg

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

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 **TS EN 61587-1 / 15.01.2018 – TS EN 61587-2 / 08.03.2012 , IEC60917 - IEC 60297** 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** IEC 62368-1 :2018
- **Glass** "ISO 9001 , EN 12150 – 2 : Glass, Tempered, safe " Mechanical Durability test result: Bending resistance minimum 120 N/ mm²
- **Connection Components** (screw, nut, washers etc.)" TS EN ISO 7045; TS EN ISO 4032; RoHS IEC 62321 "
- **Castor Set** " TS EN 12532 , TS EN 12528 , RoHS IEC 62321:2008"
- **Lock Systems** 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 TSE certificate including EN 61587-1, 61587-2, IEC 60917, IEC60297 standards in the production of 19" rack cabinets and should be presented in the proposal file.

Standards; The cabinets should be 19" in ETSI and/or EIA 310-D standards.

Main Frame and Profile Structure; The main carrier structure of the cabinet consists of the front and rear frame formed by welding the main rails to each other with front profiles and connecting them to each other with depth profiles. The cabinet structure should be made of welded monoblock parts with a minimum thickness of t=1,50mm, reinforced with special bending forms, using sheet metal material. The main profile structure of the cabinet should have a structure that increases mechanical strength, has an aesthetic appearance, pre-bent at an angle of 45 degrees, consisting of a total of 6 bends. There should be no burrs, sharp edges and corners that may cause danger for the user at the cutting and bending edges, welding and mechanical connection points on this lattice structure. The cabinet should be manufactured and tested to provide axial (x, y, z) strength EN 61587-1 / 5.2.1 and 5.2.2, external impact resistance EN 61587-1 / 5.3.3, dynamic load, vibration and mechanical shock (IEC 60068-2-6, IEC 60068-2- 27) test results should be certified by TSE.

Bottom case of the cabinets with different depth and width measurements should have cable entries in at least the following quantities and dimensions, based on the types of bottom case.

- There is 2 piece 129x300mm sliding cable entries in 600x1000mm cabinets.

Top Case of the cabinets with different depth and width dimensions should have bended top case in at least the following quantities and dimensions, including cable passages and fan cutout.

- There is 1 piece of 56x300mm M-joint cable entry and 6 fan cutout in 600x1000mm cabinets

Rear Door; should have an openable, removable and lockable structure.

Side Panels; should have an openable, removable and lockable structure. For cabinets with a D:1000 and more, there should be two side doors positioned side by side, one should be fixed, and the other one should be openable, removable and lockable.

Front Door; Glass structure must be tempered,anti-static,secure glass with 4mm. Front door must have left and right metal frames structure with high density silicone, screws and nuts, structure that open 135 degrees , removable by spring hinge , lockable with swing handle lock. For cabinets with a W:800 mm; the front glass door will be double opening front door which open to the right and left on the vertical axis. The sides of the two section glass door are metal framed and there is aluminum profile between the two glasses. It should also have a lockable structure with a key.

19" Mounting Rails; It should be manufactured with a precision of +/- 0.01 on CNC punch machines with a precision of 1U=44.45mm and 9.5x9.5mm square holes with a total of 4 pieces, 2 in front and 2 in the back. 19" mounting rails should be manufactured and assembled in such a way that they can move along the depth of the cabinet. "U" dimensions should be marked on the front faces of 19" mounting rails by silk screen printing.

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

Grounding; All metal components in the cabinet must be electrically interconnected, and the grounding resistance must be maximum 0.1 ohm in accordance with the IEC 61010-1 / 6.5.1.3 standard.

**All cabinets should be able to be connected side by side without side cover when requested.*