



Elegant Net 19inch Free Standing Rack Cabinet
H:xxU W:600 x D:600

- Glass single front door
- Metal single rear door
- Optional perforated front and rear doors
- Removable and lockable side doors
- Optional fan-unit into the roof or 19-inch rack mount type fan unit
- Bottom case with cable entry with sliding cover
- 2 sets of 19" mounting rails are adjustable throughout the entire depth of the cabinet, multi folded 1.50mm thickness
- High load carrying capacity (standard 800 kg & Modified structure 1500 kg)
- Flat-packed construction

List Code : ELGN XXU 6060 CC 111

Technical Data

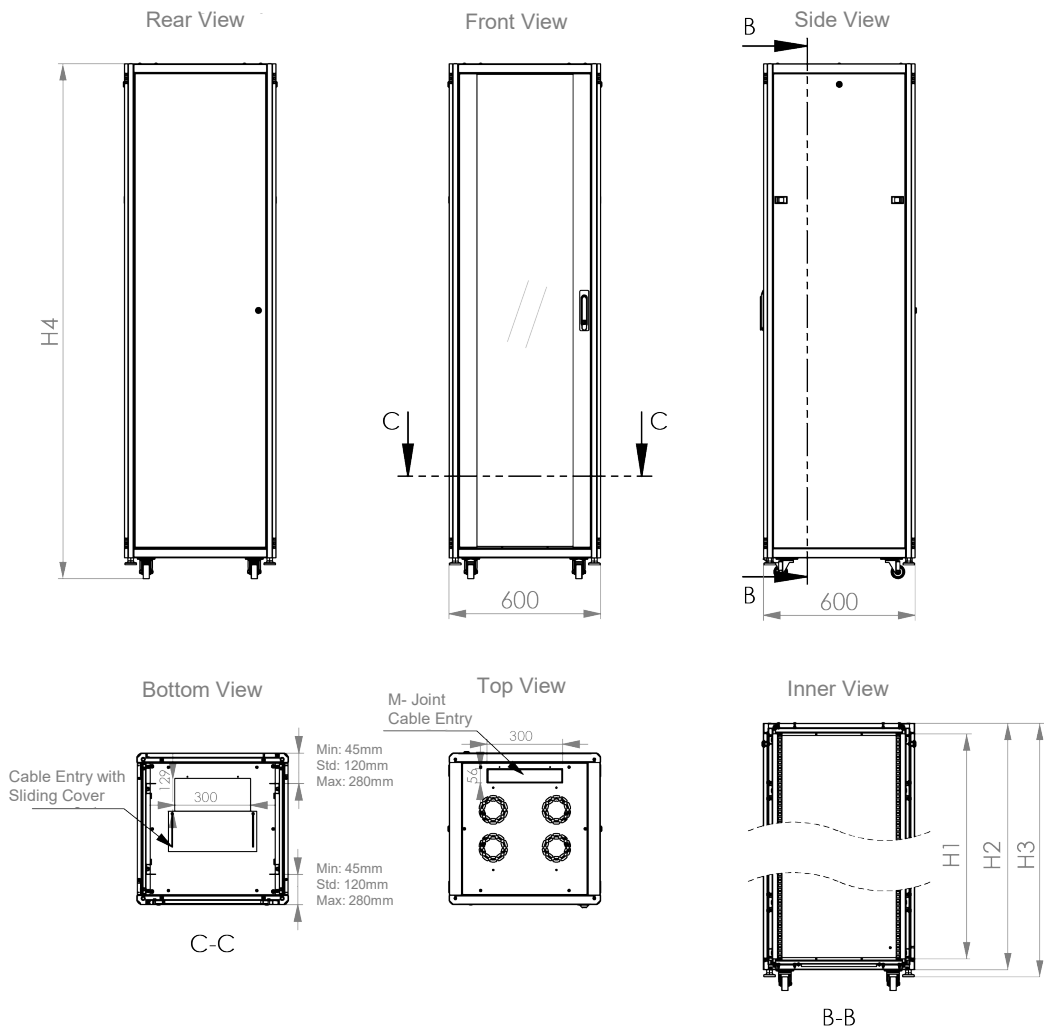
| | |
|------------------------|---|
| Dimensions HxWxD in mm | H:1955mm W:600mm D:600mm (Check 2nd page for different height options) |
| Height in U | xxU |
| Color | RAL 9005 Black color = ELGNxxU6060BL111 or RAL 7035 L.grey color = ELGNxxU6060LG111 |
| Grounding continuity | EN 61587-1 / EN 61010-1 |
| Standards | ISO9001-2015 TS EN 61587-1 :2016, 5.2.1 and 5.2.2 CE According the IEC/ISO 17050 – EN 60335-1 |

Mechanical Characteristics

| | |
|------------------------|---|
| Material | Sheet Steel, DIN EN 10130-99 / DC-01 6112 / DC-7122 |
| Inside height in mm | 1870,10 |
| Outside height in mm | 1955 |
| Load Carrying Capacity | 800 kg (Modified structure 1500 kg) |
| IP rating | IP20 |

We are responding the needs of users with choice of 10 different height dimensions.

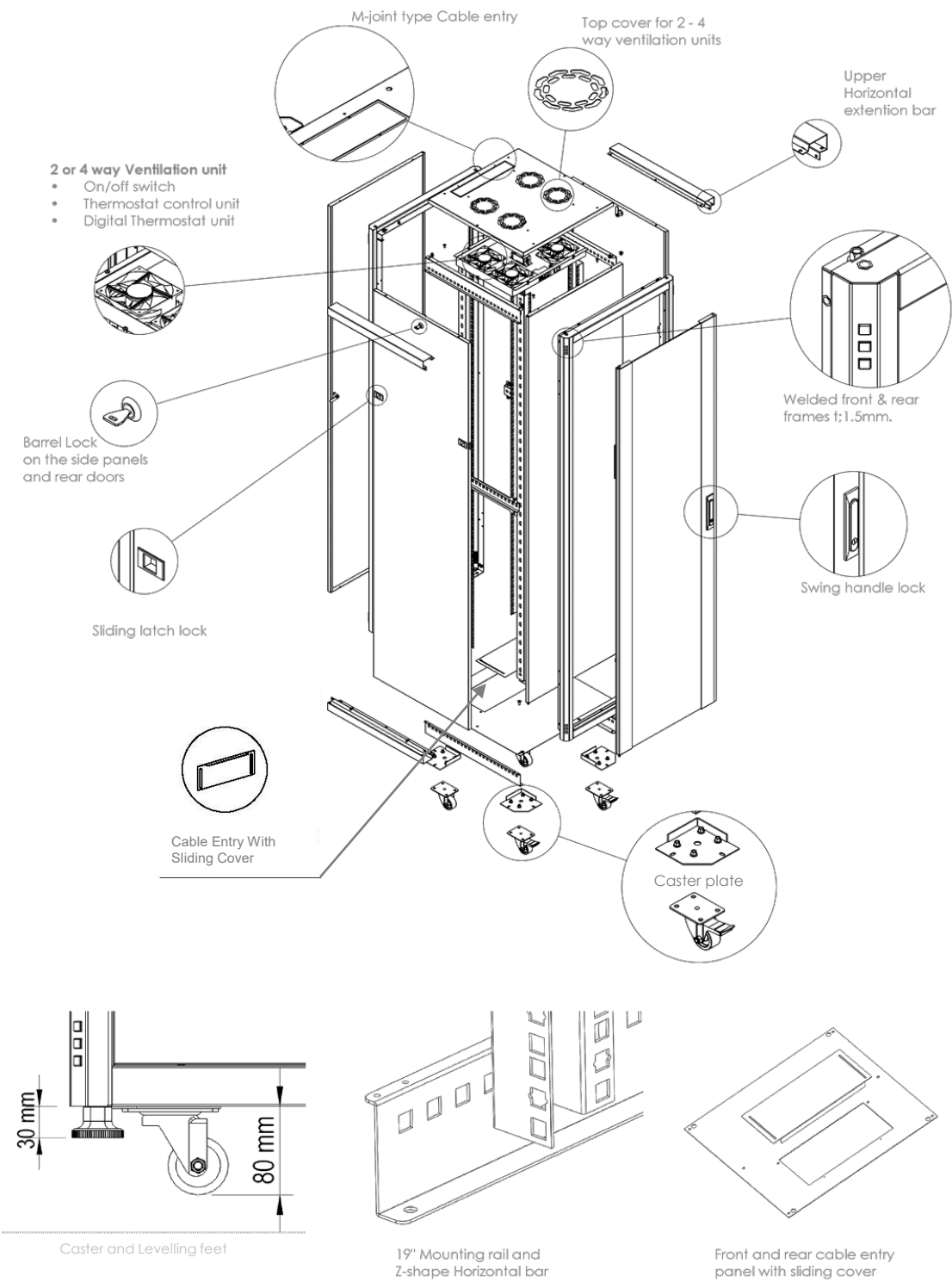
Height: 12U - 16U–20U–22U–26U–32U–36U–42U–45U–47U
Width: 600mm
Depth: 600mm



ELEGANT NET 600 x 600 mm

| Product Code | Product Description | Width (W) mm | Depth (D) mm | H:1 Inner Height (mm) | H:2 Out Height (mm) | H:3 Out height with levelling feet | H:4 Out height with caster set |
|------------------|---------------------------------------|--------------|--------------|-----------------------|---------------------|------------------------------------|--------------------------------|
| ELGN12U6060CC111 | Elegant NET 19" 12U W=600 mm D=600 mm | 600 | 600 | 536,6 | 621,5 | 651,5 | 701,5 |
| ELGN16U6060CC111 | Elegant NET 19" 16U W=600 mm D=600 mm | 600 | 600 | 714,4 | 799,3 | 829,3 | 879,3 |
| ELGN20U6060CC111 | Elegant NET 19" 20U W=600 mm D=600 mm | 600 | 600 | 892,2 | 977,1 | 1007,1 | 1057 |
| ELGN22U6060CC111 | Elegant NET 19" 22U W=600 mm D=600 mm | 600 | 600 | 981,1 | 1066 | 1096 | 1146 |
| ELGN26U6060CC111 | Elegant NET 19" 26U W=600 mm D=600 mm | 600 | 600 | 1158,9 | 1243,8 | 1273,8 | 1324 |
| ELGN32U6060CC111 | Elegant NET 19" 32U W=600 mm D=600 mm | 600 | 600 | 1425,6 | 1510,5 | 1540,5 | 1591 |
| ELGN36U6060CC111 | Elegant NET 19" 36U W=600 mm D=600 mm | 600 | 600 | 1603,4 | 1688,3 | 1718,3 | 1768 |
| ELGN42U6060CC111 | Elegant NET 19" 42U W=600 mm D=600 mm | 600 | 600 | 1870,1 | 1955 | 1985 | 2037 |
| ELGN45U6060CC111 | Elegant NET 19" 45U W=600 mm D=600 mm | 600 | 600 | 2003,5 | 2088,35 | 2118,4 | 2168 |
| ELGN47U6060CC111 | Elegant NET 19" 47U W=600 mm D=600 mm | 600 | 600 | 2092,4 | 2177,25 | 2207,3 | 2257 |

Explode View



*Fan unit and caster set must be ordered separately.

VENTILATION OPTIONS

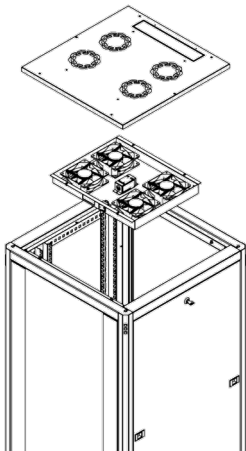
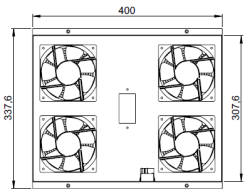
Quick-change fan trays that can be accessed without removing the cabling or the device from the rack

Elegant-Net; Roof panel has been designed for ventilation module which can be detached by removing 4 pcs screws from the top in case of maintenance or replacement needs.

STANDARDS: EMC EN55032:2015 & LVD IEC 62368-1:2018

Power Characteristics

| | |
|----------------------|-----------------|
| Voltage range | 220/240 |
| Freq Hz | 50/60 |
| Current (A) | 0,14A |
| Power W | 22 |
| Speed RPM | 2700/3000 |
| Noise level in (dB) | 40/47dB |
| Air flow M3/Hr & CFM | 133/162 & 82/95 |

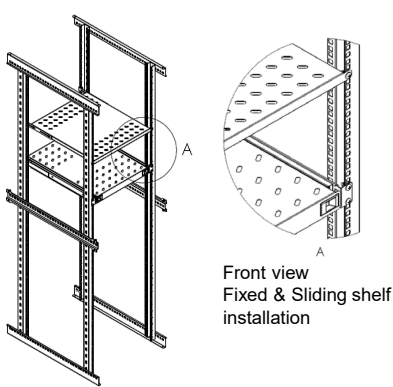


Compatible Fan Units

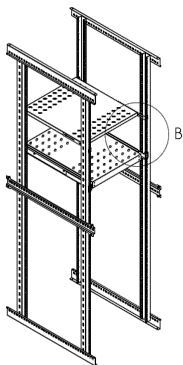
| | |
|-------------|---|
| PACCELFN02 | Ventilation unit with 2 Fans+with On/Off switch control |
| PACCELFN04 | Ventilation unit with 4 Fans+with On/Off switch control |
| PACCELFNT2 | Ventilation unit with 2 Fans+Analog Thermostat |
| PACCELFNT4 | Ventilation unit with 4 Fans+Analog Thermostat |
| PACCELFNDT2 | Ventilation unit with 2 Fans+Digital Thermostat |
| PACCELFNDT4 | Ventilation unit with 4 Fans+Digital Thermostat |

Note: compatible with all 19inch rack mount Fan units

SHALVES



Front view
Fixed & Sliding shelf
installation



Rear view
Fixed & Sliding shelf
installation

FIXED /SLIDING SHELVES
LOAD CARRYING
CAPACITIES

- Fixed shelf: 50kg/ 110lbs
- Sliding shelf: 25kg/ 55 lbs

Compatible Shelves

| | |
|------------|---|
| PACCRKSR60 | 1/2U Fixed Shelf - 600mm Depth Cabinets |
| PACCRKHR60 | Sliding Shelf - 600mm Depth Cabinets |

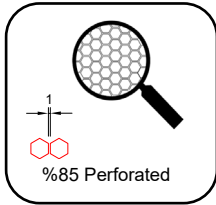
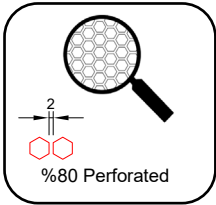
Note: compatible with all cantilever shelves

***Important:** Fan units and shelves are not including, please order separately.

ELEGANT NET
OPTIONS

| Institutional Coding Initial Character | U Height | Width- Depth Dimension | Color Code | | Door Options | | |
|--|-------------|------------------------------|------------|----|--|---|---|
| AAAA | XXU | WWDD | CC | | X | X | X |
| | | | | | Front Door | Rear Door | Side Panel |
| ELGN | 12U | 6060 | RAL 7035 | LG | 1 Hinged Glass Single Opening Front Door Metal Side Frames | 1 Hinged Metal Single Opening Rear Door | 0 No Side Panels |
| | 16U | 6080 | RAL 9005 | BL | 2 Hinged Glass Double Opening Front Door Metal Side Frames | 2 Hinged Metal Double Opening Rear Door | 1 Removab le Side Panel |
| | 20U | 6010 | | | 3 Hinged %85 Curved Perforated Single Opening Front Door | 3 Hinged %85 Curved Perforated Single Opening Rear Door | 2 Removab le Side Panel with Louver |
| | 22U | 6011 | | | 4 Hinged %85 Flat Perforated Double Opening Front Door | 4 Hinged %85 Flat Perforated Double Opening Rear Door | 3 Removab le %80 Perforate d Side Panel |
| | 26U | 6012 | | | 5 Hinged %80 Curved Perforated Single Opening Front Door | 5 Hinged %80 Curved Perforated Single Opening Rear Door | |
| | 32U | 8080 | | | 6 Hinged %80 Flat Perforated Double Opening Front Door | 6 Hinged %80 Flat Perforated Double Opening Rear Door | |
| | 36U | 8010 | | | 7 Hinged Metal Single Opening Front Door | 7 Hinged Glass Single Opening Rear Door Metal Side Frames | |
| | 42U | 8011 | | | 8 Hinged Metal Double Opening Front Door | 8 Hinged Glass Double Opening Rear Door Metal Side Frames | |
| | 45U | 8012 | | | 9 Hinged %80 Flat Perforated Single Opening Front Door | 9 Hinged %80 Flat Perforated Single Opening Rear Door | |
| | 47U | | | | A Hinged Full Framed Glass Single Opening Front Door | A | |
| | | | | | B Hinged %85 Flat Perforated Single Opening Front Door | B | |
| | | | | | C Hinged Full Framed Glass Double Opening Front Door | C Hinged Metal Double Opening Rear Door with 3 Point Locking | |

ELEGANT NET
FRONT DOOR OPTIONS



1

Hinged Glass Single
Opening Front Door
Metal Side Frames



2

Hinged Glass Double
Opening Front Door
Metal Side Frames



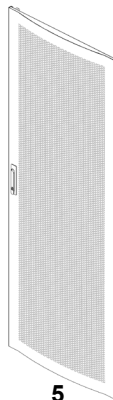
3

Hinged %85 Curved
Perforated Single Opening
Front Door



4

Hinged %85 Flat
Perforated Double
Opening Front Door



5

Hinged %80 Curved
Perforated Single
Opening Front Door



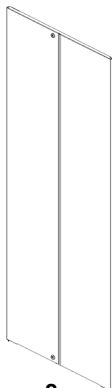
6

Hinged %80 Flat
Perforated Double
Opening Front Door



7

Hinged Metal Single
Opening Front Door



8

Hinged Metal Double
Opening Front Door



9

Hinged %80 Flat
Perforated Single
Opening Front Door



A

Hinged Full Framed Glass
Single Opening Front
Door



B

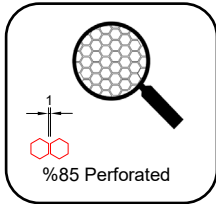
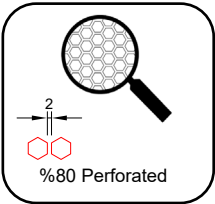
Hinged %85 Flat
Perforated Single
Opening Front Door



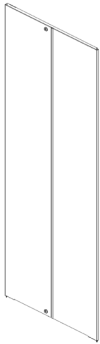
C

Hinged Full Framed
Glass Double
Opening Front Door

ELEGANT NET
REAR DOOR OPTIONS



1
Hinged Metal Single
Opening Rear Door



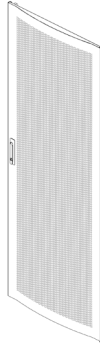
2
Hinged Metal Double
Opening Rear Door



3
Hinged %85 Curved Perforated
Single Opening Rear Door



4
Hinged %85 Flat
Perforated Double
Opening Rear Door



5
Hinged %80 Curved Perforated
Single Opening Rear Door



6
Hinged %80 Flat Perforated
Double Opening Rear Door



7
Hinged Glass Single Opening
Rear Door Metal Side Frames



8
Hinged Glass Double
Opening Rear Door
Metal Side Frames



9
Hinged %80 Flat Perforated
Single Opening Rear Door



C
Hinged Full Framed
Glass Double
Opening Front Door

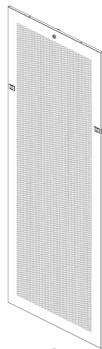
ELEGANT NET
SIDE PANEL OPTIONS



0
No Side Panel



1
Removable Side Panel



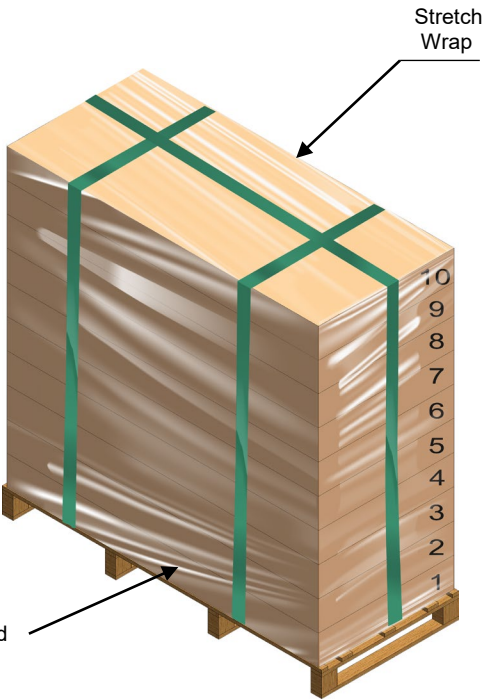
2
Removable Side Panel with
Louver

3
Removable %80 Perforated Side
Panel

ASSEMBLED



ALLIN-1 Flat Package
MOQ : 10pcs



| ELEGANT NET 600 x 600 mm | | PACKING INFORMATION | DISSEMBLED PACKING INFORMATION | |
|--------------------------|---------------------------------------|---------------------|--------------------------------|-------------------|
| Product Code | Product Description | WxDxH (mm) | Net Weight (kg) | Gross Weight (kg) |
| ELGN12U6060CC111 | Elegant NET 19" 12U W=600 mm D=600 mm | | | |
| ELGN16U6060CC111 | Elegant NET 19" 16U W=600 mm D=600 mm | | | |
| ELGN20U6060CC111 | Elegant NET 19" 20U W=600 mm D=600 mm | | | |
| ELGN22U6060CC111 | Elegant NET 19" 22U W=600 mm D=600 mm | | | |
| ELGN26U6060CC111 | Elegant NET 19" 26U W=600 mm D=600 mm | | | |
| ELGN32U6060CC111 | Elegant NET 19" 32U W=600 mm D=600 mm | | | |
| ELGN36U6060CC111 | Elegant NET 19" 36U W=600 mm D=600 mm | | | |
| ELGN42U6060CC111 | Elegant NET 19" 42U W=600 mm D=600 mm | | | |
| ELGN45U6060CC111 | Elegant NET 19" 45U W=600 mm D=600 mm | | | |
| ELGN47U6060CC111 | Elegant NET 19" 47U W=600 mm D=600 mm | | | |

***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 IEC 61587-1:2016 / IEC 61587-2:2011 / IEC 61587-3:2013
- IEC 60529
- IP20

MECHANICAL PERFORMANCE

- EN 61587-1 5.2.1 / 5.2.3
- Static mechanical load test (Performance level SL 12)
- Stiffness test (Performance level ST5)
- Dynamic mechanical load test (Performance level DL4V)
- Resonance point detection test Duration of the test at each frequency was 10 minutes
- Vibration test (Sinus-IEC 60068-2-6:Fc; 2007)
- Shock test (IEC 60068-2-27:Ea; 1987) Performance level DL4S
- Impact test (IEC 60068-2-75:Eh; 2014) (Performance level IK07)
- Permissible load carrying capacity : 1500 kg

CLIMATIC TESTS (Performance level C2)

- Cold (IEC 60068-2-1 :2007;Ab) Temperature of the exposure: -25°C +/-3°C
- Dry heat (IEC 60068-2-2 :2007;Bd) Temperature of the exposure: +70°C +/-2°C
- Damp heat cyclic (IEC 60068-2-30:2005;Db ; (cyclic 2x), variant 2)

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 and 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 was less than 0.1 Ohm.

STANDARDS

1. **ISO9001-2008** Quality management system must be used in the production of 19" Rack cabinets
2. 19" Rack Cabinets must have a **TSE Certificate IEC 61587-1 :2016, IEC 61587-2:2011, IEC 61587-3:2013**
3. **IEC60917 – IEC 60297** standards
4. **CE** According the **IEC/ISO 17050 – EN 62208:2011 & EN 60335-1**
5. In addition, all of the main and auxiliary materials used in the manufacturing process must comply with the following standards

SHEET METAL: TS EN ISO 9001:2008; TS EN 10130:2006; DIN EN 1030- EQV; BS EN 1030-EQV; NF A36-401.

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

CONNECTION COMPONENTS (screw, nut, washer etc.) "TS EN ISO 7045; TS EN ISO 4032; RoHS IEC 62321"

CASTER SET "TS EN 12532, TS EN 12533, RoHS IEC 62321:2008"

LOCKS SYSTEMS "DIN-EN ISO 1043-1 PA6 GFR 30; DIN-EN 1774-ZnAl4Cu1.

TECHNICAL SPECIFICATIONS

Documents; Manufacturer company, **ISO 9001:2015** quality assurance system and **EN 61587-1 15.01.2018, 61587-2** in the production of 10" cabinets.(Mechanical structures for electronic equipment) standards and submitted in the tender dossier.

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

Dimension: Cabinet must be height (12U,16U,20U,22U,26U,32U,36U,42U,45U,47U)

- Width : 600mm
- Depth : 600mm

Main Frame and Profile Structure; The main body of the cabinet is consisting by front and rear welded frames + bottom and upper lateral bars. Front and rear welded type mono-block frames should be made of t=1.50mm sheet metal material. Each corner profiles should have 6 bending points with an aesthetic appearance, each multi-folded profiles must be with an angle of 45 degrees bending points for increasing the mechanical strength. There should be no burrs and sharp edges for eliminating the injury during the installation, welding and mechanical connection points on this frame must be comply and tested to provide axial (x, y, z) strength of the cabinet. **EN 61587-1 / 5.2.1 / 61587-2 and 5.2.2**, resistance to external impacts **EN 61587-1 / 5.3.3 / 61587-2**, dynamic load, vibration and mechanical impact (**IEC 60068-2-6 , IEC 60068-2-27**) test results must be documented by TSE.

Bottom Plate; must have cable access that would block dust inlet. Bottom case must have cable entry with sliding cover with dimensions 300x129mm (1.ea for 600x600mm).

Top Plate; must be compatible with 2 & 4 way fan unit installation + 1.ea M-joint type cable entry with dimensions 300x56mm.

Rear Door; must be full length solid metal with single barrel lock mechanism. Standard rear door configuration has a single opening door for W:600 D:600mm rack cabinets.

Side Panels; must have a structure that can be open-able and and removable by 2 sliding latch locks and one barrel lock with key.

Front Door; Glass structure must be tempered,anti-static,secure glass with 4mm thickness according to **EN 12150-1:2008** standard. 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.

19" Mounting Rails; are 4 pcs and adjustable throughout the entire depth of the cabinet and thickness must be 1.5mm, silk-screened. It must be provide ability to count "U- Marking" from top to down & down to up for easy device installation, the structure of mounting rails should have been manufactured with a precision of +/- 0.01 on CNC punch benches with 9.5x9.5mm square holes in 1U=44.45.

Lateral extension parts; It must be 4pcs for each cabinet. The structure of the multi-folded lateral extension parts has been designed for placing between the front and rear mono-block welded main frames.

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.