DYNAMIC DATA CABINET
Technical Information

Features

- ◆ Aluminium glass framed front door with swing handle and single point locking
- ◆ All with lockable & removable side panels
- ◆ Rear doors with single point locking barrel lock
- ◆ Cabinet sizes from 22U to 42U have rear top & bottom position with 3U brushed cable entry panels
- ◆ 800 wide variants also have top & base section fitted with brush cable entry panels

- ◆ 800mm wide variants have front vertical cable manager with hinged covers
- ◆ Base sliding cable entry panel
- ◆ U height markings (top to bottom & bottom to top)
- ◆ Side horizontal support bars
- ◆ Levelling feet fitted
- ◆ Earth kit supplied loose
- ◆ Castor kit supplied loose (2 with brakes, 2 without)

Specification

Loading Capacity	Weight load capacity 600kg
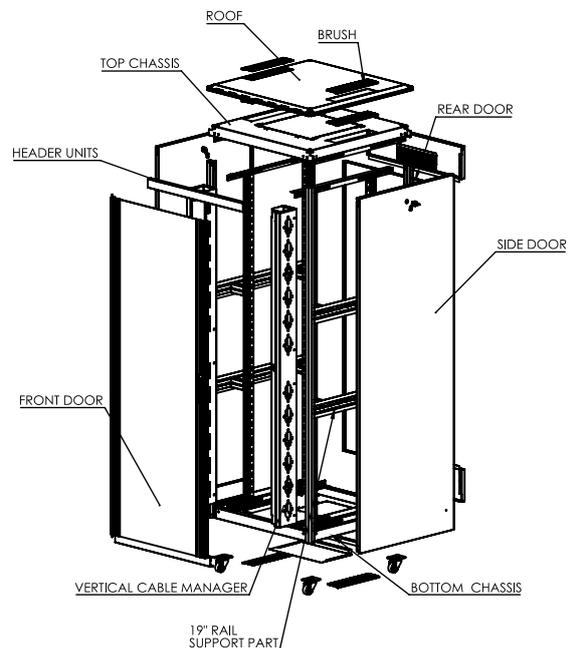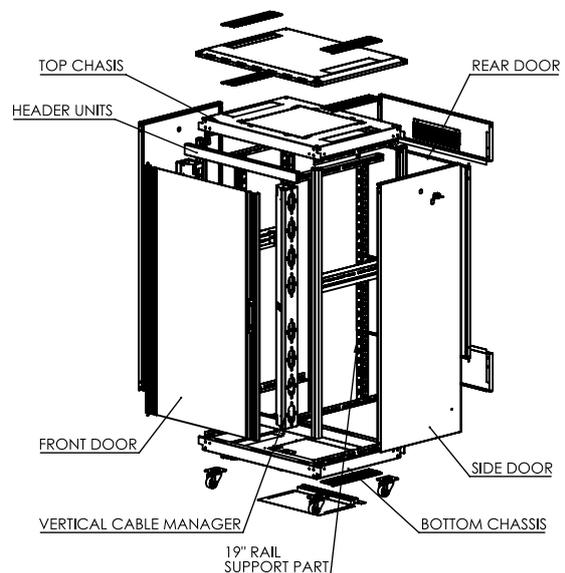
Note: Castors shown fitted for illustration on

# DYNAMIC DATA CABINET
Technical Information

Part Number

| Item Code	Manufacturer Code	Product Description	Height	Width	Depth
824240	LN-FS12U6060-BL-121	19" Free Standing Cabinet	12U	600mm	600mm
824242	LN-FS16U6060-BL-121	19" Free Standing Cabinet	16U	600mm	600mm
824243	LN-FS22U6060-BL-121	19" Free Standing Cabinet	22U	600mm	600mm
824244	LN-FS26U6060-BL-121	19" Free Standing Cabinet	26U	600mm	600mm
824245	LN-FS36U6060-BL-121	19" Free Standing Cabinet	36U	600mm	600mm
824246	LN-FS42U6060-BL-121	19" Free Standing Cabinet	42U	600mm	600mm
824247	LN-FS12U6080-BL-121	19" Free Standing Cabinet	12U	600mm	800mm
824248	LN-FS16U6080-BL-121	19" Free Standing Cabinet	16U	600mm	800mm
824249	LN-FS22U6080-BL-121	19" Free Standing Cabinet	22U	600mm	800mm
824324	LN-FS26U6080-BL-121	19" Free Standing Cabinet	26U	600mm	800mm
824325	LN-FS42U6080-BL-121	19" Free Standing Cabinet	42U	600mm	800mm
824326	LN-FS26U6010-BL-121	19" Free Standing Cabinet	26U	600mm	1000mm
824328	LN-FS42U6010-BL-121	19" Free Standing Cabinet	42U	600mm	1000mm
824329	LN-FS26U8060-BL-921	19" Free Standing Cabinet	26U	800mm	600mm
824330	LN-FS42U8060-BL-921	19" Free Standing Cabinet	42U	800mm	600mm
824332	LN-FS26U8080-BL-921	19" Free Standing Cabinet	26U	800mm	800mm
824333	LN-FS36U8080-BL-921	19" Free Standing Cabinet	36U	800mm	800mm
824335	LN-FS42U8080-BL-921	19" Free Standing Cabinet	42U	800mm	800mm
824336	LN-FS42U8010-BL-921	19" Free Standing Cabinet	42U	800mm	1000mm

DYNAMIC DATA CABINET
Technical Drawing

600

600

Top View

350

250

Bottom View

370

19"

Top Inside View

0°-120°
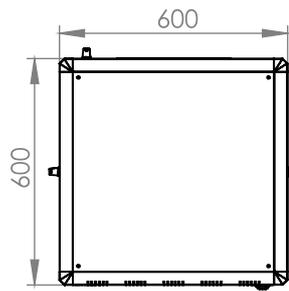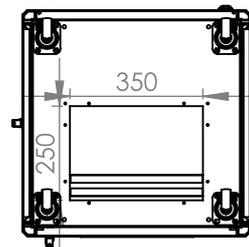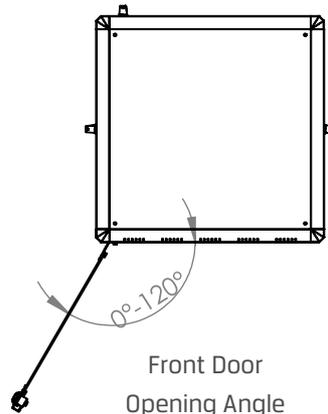
Front Door
Opening Angle

1334

385

530

Front View

530

600

Side View

600

Rear View

19"

26U

44.45 (1U)
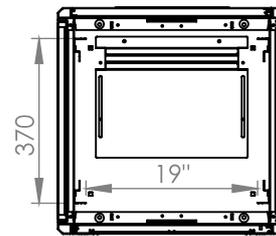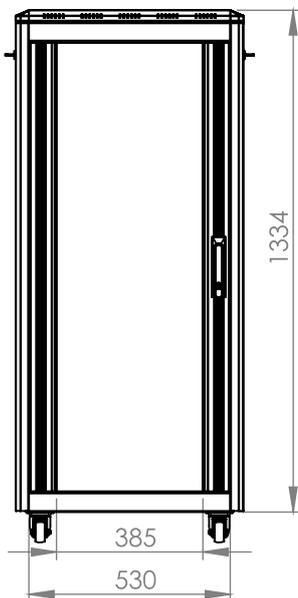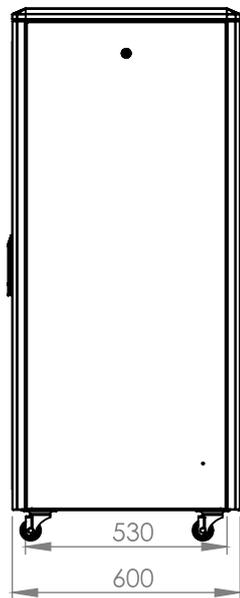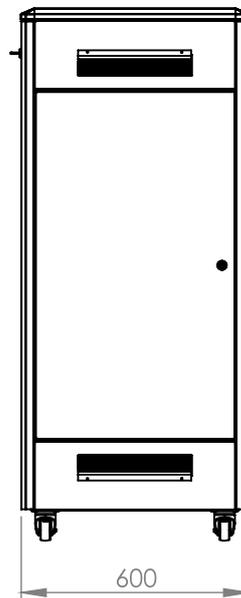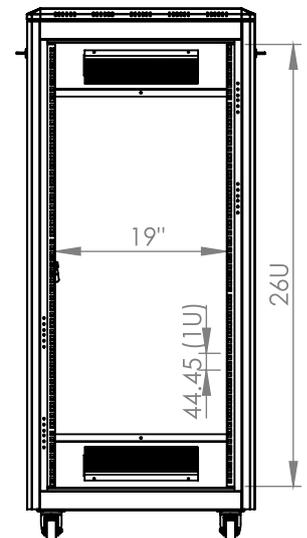
Dimensions in
Width & Height

Note: Castors shown fitted for illustration only.

Part Number

Item Code	Manufacturer Code	Product Description	Height	Width	Depth
824244	LN-FS26U6060-BL-121	19" Free Standing Cabinet	26U	600mm	600mm

DYNAMIC DATA CABINET
Technical Drawing

TOP CHASSIS

HEADER UNITS

REAR DOOR

19" RAIL SUPPORT PART

FRONT DOOR

SIDE DOOR

BOTTOM CHASSIS

SLIDING CABLE ENTRY PANEL
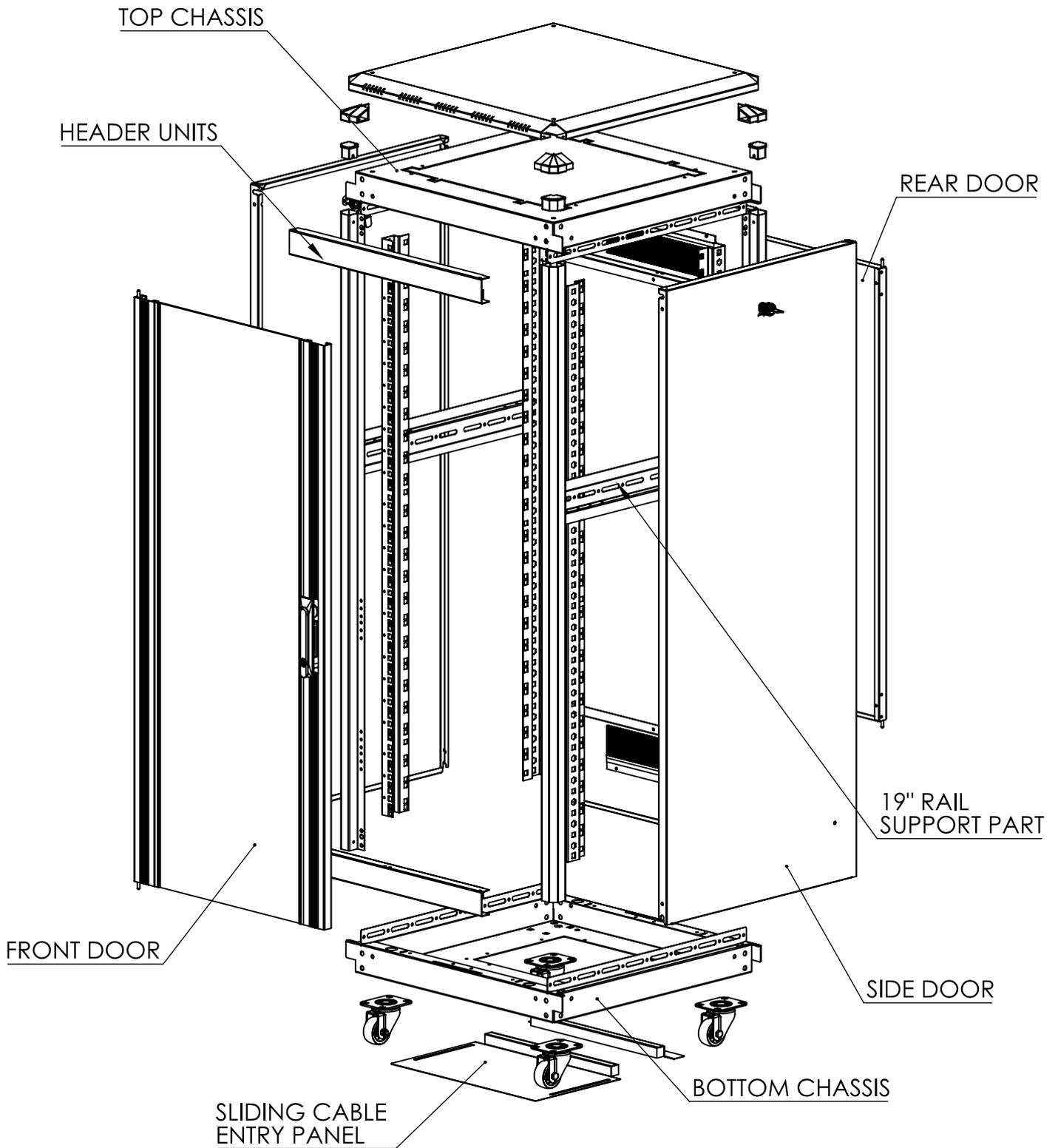
Lande DYNAmic Standard Data Cabinet Technical Specification

- **Materials used in cabinet manufacturing:** All the main and subsidiary materials used in all stages of the manufacturing must be in accordance with the below standards:
  Sheet Metal DKP "DIN EN 10130 – 99, DC- 01 6112, 7122, RoHS"
  Powder paint "ISO 9001, ISO 2178, ISO 2813, ISO 6272, ISO 8130-5, ISO 8130-3, RoHS, RAL 9005 Texture Black or RAL 7035 Wrinkle Grey/White"
  Glass "ISO 9001, EN 12150 – 1: 2000 Tempered, secure"
  Connection elements (bolt, nuts, washer, etc.) "DIN 7985, DIN 965, DIN 7981, DIN 934, DIN 985, DIN 933, RoHS"
  Lock "DIN 1743, DIN 53571, RoHS"

- **Levelling feet:** Fitted as standard (Used when castors aren't fitted) Each having 250kg / piece load carrying capacity.
- **Castor Kit:** 4 pieces supplied loose or fitted to the chassis, 360 degrees full mobile on y axis castor sets, each set is of 4, of which 2 are with brakes and 2 are without brakes. Min 150 kg/pc load capacity.
- **Earth Grounding Kit:** supplied loose

Lande DYNAmic Standard Data Cabinet Technical Specification

19" FREE STANDING CABINETS

- **Documents:** For manufacturing of 19" Data Network rack cabinets, manufacturer should have ISO 9001:2008 quality assurance system and certificate containing EN 61587-1, IEC 60917, IEC60297 standards.
- ISO 14001 Environmental Management System certified manufacturers are preferred.
- Products will have UL safety mark Certification, also CE conformity declarations will be referred
- Products will have RoHS compliancy, parts of the main products must have RoHS testing from laboratories, as well RoHS declarations will be provided.
- **Dimensions:** Dimensions must be in accordance with IEC 60297 standard. Internal usage U capacity of the cabinets include **(12U, 16U, 22U, 26U, 36U, 42U, 47U)**. Out to out dimensions must be; width net **600mm** or **800mm**, depth net **600mm, 800mm or 1000mm.**
- **Main chassis and profile structures:** They must be manufactured and tested to provide; axial (x, y, z) resistance according to EN 61587-1 / 5.2.1 and 5.2.2, outer impact resistance according to EN 61587-1 / 5.3.3, dynamic load, vibration and mechanical impact (IEC 60068-2-6, IEC 60068-2- 27) and test results must have been registered by TSE.
- **Main profile structure:** It must have a reinforced profile structure, aesthetic, 45º front side bended, 7 surfaces with 6 bending profile system.
- **Bottom cable entry conduits:** These must be at the minimum amounts and dimensions of 350x250mm with sliding and adjustable conduit that prevents dust entry and ensures no harm to the cables with thick structure of gasket.
- **Rear door & Side panels:** They must have a structure of openable, removable and can be locked.
- **Brush entry panels:** These are fitted in the top, base and rear sections of the cabinets. Refer to the datasheets for details of fitment, subject to size of Cabinet.
- **Front doors:** Tempered, anti-static, secure, dark grey, grinded edges, 4mm.+/- %5 EN 12150-1:2008 glass door. 600x600mm and 600x800mm dimensions are single door openable from either left or right. Glass with reinforced aluminum profiles with both sides and adhered with polyurethane glue.
- **Paint**: Cabinets must be reinforced against strikes and painted with electrostatic RAL 9005 Texture Black powder paint or RAL 7035 Light Grey powder paint. Tested according to EN ISO 9227, EN ISO 2409, EN ISO 2178. The paints must be resistant to minimum 900 hours' salt test and test results must be recorded. On metal surfaces there must be a dye width of 80 +/- 5 micron must be provided. The powder paint that will be used must be nonflammable and have no flame conductivity according to TS EN 13501-1+ A1 standard.
- **Top & Bottom Chassis**: Min 600kg load capacity with multi bending technology.
- **19inch mounting profiles**: There will be 2 pieces at the back and 2 pieces at the front and they will be able to move towards front or back. 19inch mounting profiles have U marking by serigraphy, Same U will be marked by counting from top to bottom and bottom to top must result same U numbering selection. ie 1-42U, 42-1U.
- 19inch mounting profiles will be minimum 1,5mm thickness and 3-fold (4 bend surface) design.
- **Vertical cable organizers / Front: On 800mm Variants.** Metal 97x97mm along with cabinet height. The cable organizer will have snap locking metal doors, covered in the height of right / left cabinets, in front of the free-standing cabinets with a width of 800mm cabinets.
- **Locks:** The front door of the cabinet must have a swing handle lock and side covers must have a "O" lock and all the keys same.
- **Cabinet Connection:** All the cabinets must have the specialty of connection when necessary with removing the side panels by being screwed side to side from the main profiles of the cabinets or from outside.
- **Grounding:** All metal components inside the cabinet, must be electrically connected, the grounding resistance must be maximum 0,1 ohm according to **IEC 61010-1 / 6.5.1.3** standard.