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-Data Center Integrated Solution Series-

## Network Server Cabinet Series Products

# Overview of the Product

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## Brief introduction to the product

The cabinet system mainly provides a physical space for network equipment, storage device and server and so on, and the standard size of the cabinet is 19" 42U. The overall structure of Kstar cabinet is made up of rack, front and rear doors, lateral plate, bottom plate, floor plate, U column and cabling hole. In terms of technical standard, Kstar cabinet system follows ANSI/EIARS-310-D, IEC297-2, DIN41491- PART 1, DIN41494-PART 7 and GB/T 3047.2-92 standard, and it is compatible with international standard, metric standard and ETSI standard for 19" product as well as relevant standards and technical specifications of the State Administration of Technical Supervision.

## Characteristics of the Product

### ◎ High reliability

- Split mounting structure of cold rolled steel plate frame is adopted to ensure that the parts are not distorted or bent after long-term load bearing.
- Degreasing, acid wash, parkerising and static spray coating are adopted for surface treatment to ensure corrosion resistance of the cabinet greatly.

### ◎ High heat radiation capability

- The front door is a single-open ventilating honeycomb hexagonal mesh door, and rear door is a double-open ventilating honeycomb hexagonal mesh door, and ventilation rate reaches 75%.
- Max. load bearing capacity of fixed floor plate is 120kg.

### ◎ High safety

- The material for the cabinet is fire retardant material, which prevents the possibility of large-area fire.
- The interior of the cabinet is all-round grounding protective, which provides sufficient ground connecting points for all the independent metal parts.

### ◎ Super-strong bearing capacity

- Max static bearing capacity is 2310kg.
- Max. load bearing of fixed floor plate is 120kg.

### ◎ Good practicality

- Castors and supporting wheels can be mounted at the same time.
- Two-section speedy dismantlement lateral plates are used at two sides to facilitate speedy dismantlement and mounting of the lateral door;
- The bottom plate is divided into front, middle and rear parts, which can be fully closed, and any of them can be dismantled.
- Strong and weak power cables are separated, with weak power cable incoming hole on the left of rear side of the cabinet, strong power cable incoming hole on the right of rear side of the cabinet, and brush or rubber ring is optional for cable incoming hole.
- There's no light crevice between cabinets, and split mounted cabinet is convenient for dismantlement.
- Three-point or multi-point mode is employed for door lock, door lock switch is flexible, there's shock absorbing bar at the contact position between the door edge and frame. After the front and rear doors are installed, there's no inclination, concave, convex or partial slanting or twisting phenomenon.

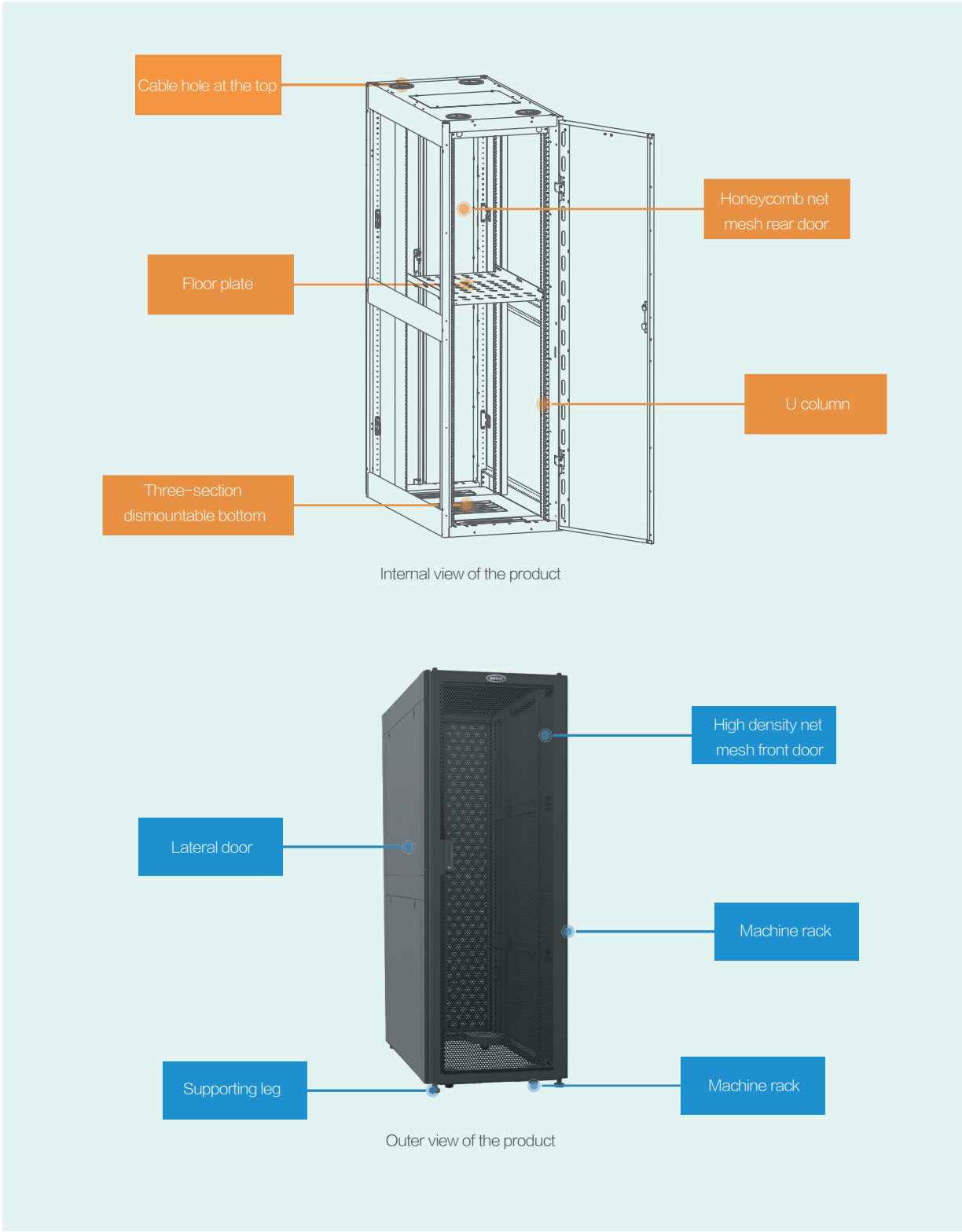
### ◎ Environment protection

- ROHS certification has been passed.

### ◎ Certifications and reports of several agencies

- It has been awarded CE, ROHS, earthquake resistance (level 8 and 9 in seismic intensity), TLC and load bearing certifications, and corresponding certification reports are available.

Structure of the Product



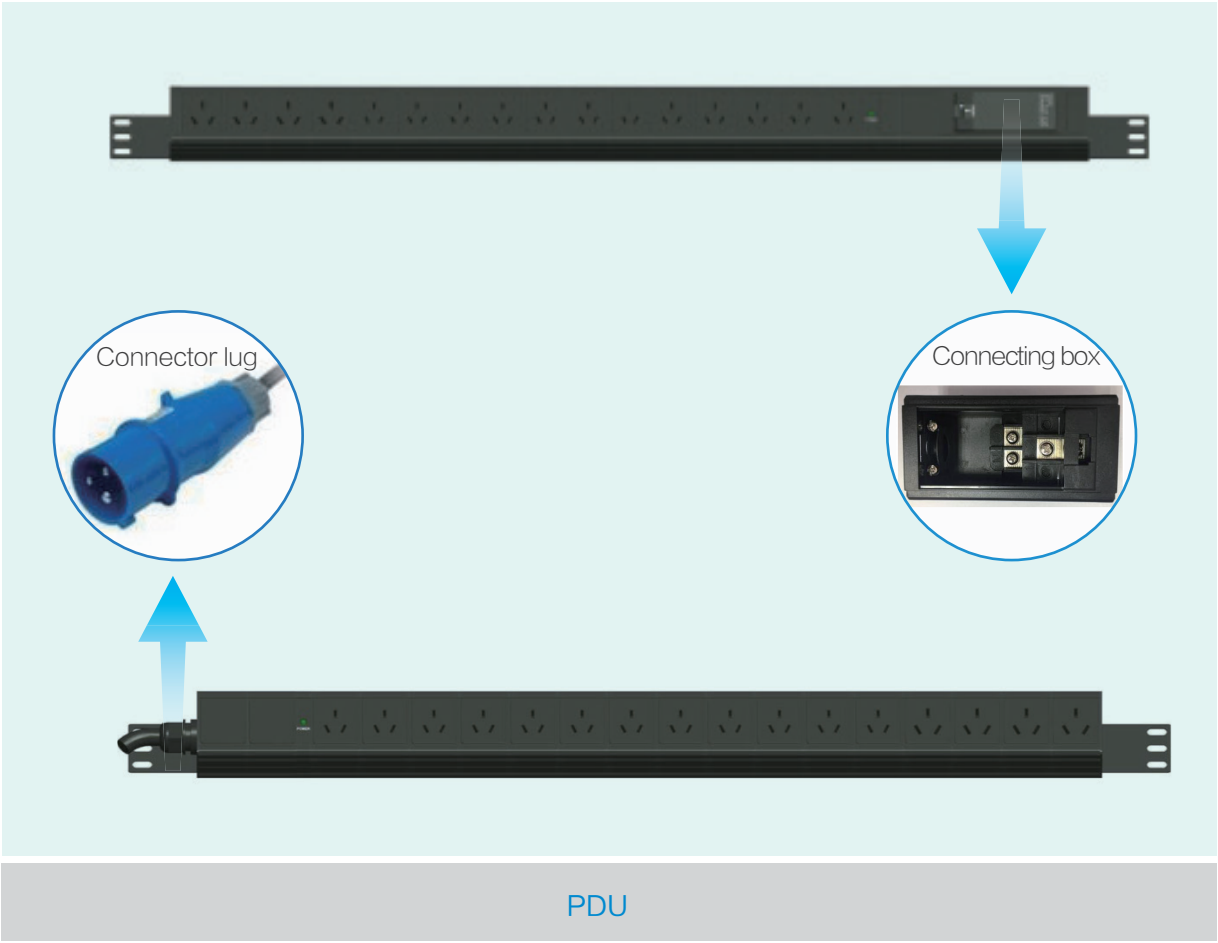
# Overview of the Product

## Parameters of SP Series Cabinet

SN	Model	Dimension	Self weight	Notes
1	SP-61042B	600 × 1000 × 42U	103kg	1. Split mounting cabinet, containing front and rear doors and bottom plate of the cabinet. 2. Cold rolled steel plate is used in frame of the cabinet. 3. Floor plate, lateral door, PDU and heat radiating unit are not included. 4. Black appearance. 5. A set of split mounting parts are contained. 6. 50 sets of screws and nuts are contained. 7. It meets international standard for 19" , with protection grade of IP20.
2	SP-61142B	600 × 1100 × 42U	112kg	
3	SP-61242B	600 × 1200 × 42U	120kg	
4	SP-81042B	800 × 1000 × 42U	130kg	
5	SP-81142B	800 × 1100 × 42U	137kg	
6	SP-81242B	800 × 1200 × 42U	145kg	

## Many optional parts

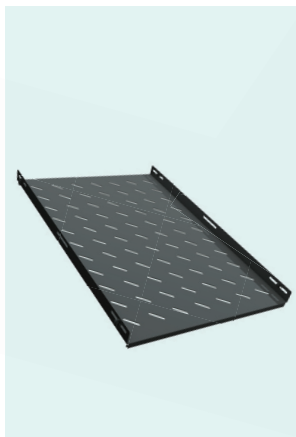
◎ PDU



## PDU Parameters

Model	PDU
Rated input voltage (Hz)	125/250Vac(50/60)
Max load current	10/16/25/32
Input mode	Input via connecting box, industrial connector with male and female heads (optional)
Max output current (A)	10/16
Output pattern	Three-flat-plug of international standard 10A/16A, universal of international standard 10A, IEC320 C13 and IEC 320 C19
Optional part	Control switch, indicator, current display and anti-lightning module
Protective function	Short-circuit protection (optional), overload protection (optional), anti-lightning protection (optional)
Max outer dimension (L × W × H)	482.6 × 44.4/62 × 44.4 (black, horizontal installation), 62 × 44.4 (black, vertical installation)

### ◎ Other optional parts



Floor plate



L-shaped rack



Cable management component



Blind plate



Wind-shield brush

Cable-bunching ring

Movable castor

Supporting leg

Fan