

A1 SERIES INTEGRATED INTELLEC DATA CENTE



[FEATURE]

Linkbasici integrated intellect data center solution, It greatly speeds up the construction speed of micro data center, Plug-and-Play, and has features of high degree of integration, energy-efficient, safe and reliable, high intelligent and adaptable

- **Efficient-integration**
Integrated cabinet system, power distribution system, refrigeration system, wiring system, monitoring and management system in one
- **Energy-efficient**
The installation of efficient intelligent refrigeration system, efficient modular UPS, improve electricity efficiency, save energy consumption, PUE value is lower
- **Safe and reliable**
The installation of temperature and humidity, smoke sensing, water immersion sensors, real-time monitoring of the internal environment
- **High intelligent**
Built-in monitoring and management system, equipped with a touch screen, can directly display temperature and humidity
- **Adaptable**
Fully enclosed, refrigeration in the cabinet, self circulation mode to achieve P5X protection level,
low requirements for the installation site, no
need for special room placement, refrigeration outdoor unit can be placed on the top of the cabinet
- **High expandability**
Modular design, flexible configuration to meet the rapid expansion

[APPLICATION SCENE]

Suitable for application scenario of micro data center, all kinds of distributed dot, branch of large enterprise, small and medium sized network access points, small and medium-sized enterprise IT equipment access room and logistics warehousing IT workstation

The new architecture of standardization, productization, modular design concept, strong replication, expansion on demand, to provide a strong support for the rapid construction of the cold channel of the micro data center.

Modular components enable rapid deployment and can be separated independently without affecting overall monitoring



Single cabinet

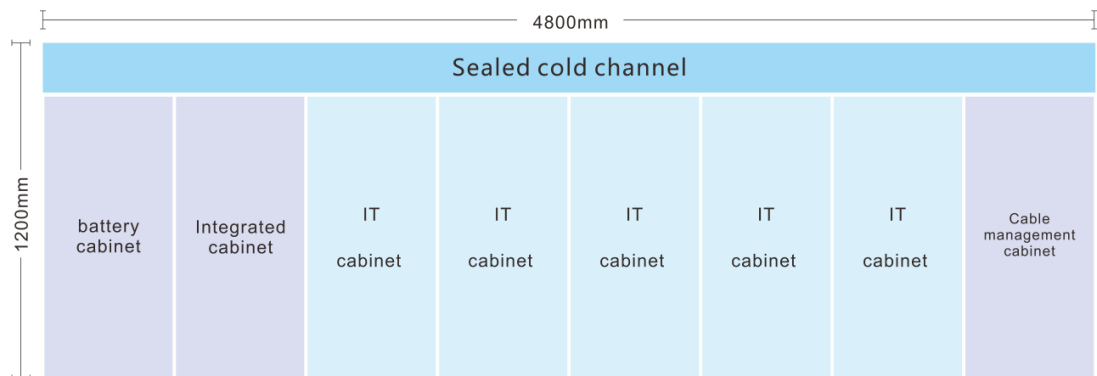


Multiple cabinets

Configuration

| Part Number | A1-1R6-03U1-04K1 | A1-3R6-10U1-08K1 | A1-6R6-30U1-08K3 | A1-12R6-60U1-12K5 |
|---------------------------------------|--|--|--------------------------------|--------------------------------|
| Quantity of cabinet | 1 | 3 | 6 | 12 |
| UPS | 3kVA | 10kVA | 30kVA | 60kVA |
| Air Conditioner | 4.2kW | 8.1kW | 3*8.1kW | 5*12.5kW |
| PDU | 16 way intelligent PDU | 3*16 way intelligent PDU | 6*16 way intelligent PDU | 12*16 way intelligent PDU |
| Battery | 12V 7Ah Battery pack Power backup for 15 minutes | 12V 9Ah Battery pack Power backup for 15 minutes | 12V 100Ah Lead-acid battery | 12V 100Ah Lead-acid battery |
| Dimensions (Width*Depth*Height) mm | 600*1200*2000 | 1800*1200*2000 | 3600*1200*2000 | 7200*1200*2000 |

Common application scene



The top view of eight joint cabinets

Technical parameters

| Feature | |
|---|--|
| Size(W*D*H)mm | Single cabinet 600×1200×2000 |
| Maximum quantity of cabinets in one unit (Size:W*D*H mm) | 10set6000 ×1200×2000 |
| Power density of single cabinet | 1-10kW |
| Loading capacity | 1600kg |
| Installation mode | Concrete floor or raised floor |
| Operating temperature | -20°C-45°C (-30°C-45°C for low temperature type) |
| Level of protection | Glass door IP40, perforated door Ip20 |
| Power distribution system | |
| Input | Single phase or double phase |
| Rack type UPS | 1kVA, 2kVA, 3kVA, 6kVA, 10kVA, 15kVA, 20kVA, 25kVA, support for maximum of 3 parallel cabinets |
| Rack type modular UPS | Single power module 10kVA, 6 pcs power module available, maximum power 60kVA Single power module 15kVA, 6 pcs power module available, maximum power 90kVA |
| UPS configuration mode | N、N+1、2N |
| Maintenance bypass | Standard |
| UPS input power range | 3kVA、6kVA、10kVA: 110~288Vac 15kVA、20kVA: 207~476Vac |
| Battery back up time | Standard: 15 mins, optional |
| Battery placement | Rack mounted or placed on the tray |
| PDU | Single phase or double phase |
| Refrigerating system | |
| Refrigerating capacity | 4.2kW、8.1kW、12.5kW |
| Refrigerating mode | Air cooling |
| Power supply of indoor and outdoor unit of air conditioner | Indoor unit: by separately Outdoor unit : by indoor unit |
| Installation mode of air conditioner | Rack type |
| Compressor type | Frequency conversion |
| Draught fan type | Intelligent speed regulation |
| Air blow mode | Front and side |
| Refrigerating system | |
| Monitoring host | Buit-in display screen, space saving |
| function module | Report management, photo monitoring, alarm management, centralize management |
| Access mode | Remote web accessing, APP on mobile phone(optional) |
| Local display | 10.1" HD display screen |
| Alarm mode | SMS alarm, local alarm, mail alarm, web alarm(optional) |