Smart Data center solution

HEAVY DUTY DATA CENTER RACK CABINET

SYMETRIX +1

KB

Trends like virtualization, consolidation, convergence, and blade server adoption are forcing different types of equipment to share the same space. Today's high-density devices generate tremendous amounts of heat. Rapidly changing business conditions require the IT environment to adapt and adjust faster than ever, and the imperative of uninterrupted uptime now has the corollary demand of efficiency. Whether it's a network closet, a server room, or a data center of any size, IT operations rely on racks and enclosures for support, organization, and management of the rack mount equipment. Servers, storage, switches, routers, power distribution units, console port servers, KVM switches_today's Datasheen Data Center racks and enclosures are expected to support a greater number and greater variety of applications and devices.

Benefits points

- Comply ANSI/EIA-310, DIN41491;IEC297-2;DIN41494; PART7; GB/T3047.2-92 standard; compatible with 19" international standard, metric system and ETSI standard.
- Frame is made of double pipes profile and connected by special "three T". 14 profiles (patent) weld the frame.
- High quality cold rolled steel sheet materials, the thickness is: corner edge 2.00 mm, others 1.2~1.5mm welded structure. 9 fold welded construction
- Proven technology based on fully welded offershigh flexibility and stability. The welded structure in the frame guarantees freely selectable arrangement of accessories.
- High stability for static loads of 1400kg and more (by requirement), Use of highly stable extrusions and heavy duty corner welded. Includes 1 open frame, 2 perforated steel door, 2 side panels, 1 fully vented top panel, 2 pair 19" panel mount angle, 3 pair horizontal mount support, 4 castor and 4 leveling feet.
- IP and Anti-Shocking steel protect (by requirement).
- Front, rear and side door full length high-grade steel IP seal for protection and enviromental influences.
- Top cover provided four Ø 110mm. Cable access and cover, guaranteed orderly and space-saving cable management.
- Adjustment at installation site, cable management can be selected from extensive range of accessory components.
- The front and rear door are opening angle 180 degree with lock.
- Color black or white standard or by requirement.

Flexible components

The correct ventilation solution is always provided by the corresponding selection of accessory components. Still applicable form KEPBER Data Center: 80% perforation, which quarantees unobstructesd airflow of the installed components.

- PDU Mounting Kit , 12,16,20 qnd 24 outlet with C13 for output and 16A or 32A for input.
- Fix or Slide shelf, Heady duty fan, Cable management and Blank panel.
- Standard keylock or Intelligent RFID keylock with software monitor.

Basic Configurations

- Very Strong 9 fold welded frame, heavy duty strcucture frame for 1400kg loading.
- Basic version, with perforated single door at front and double door at rear.
- Perforated door to prove excellent thermal management 80% perforation.
- Fan unit options 2- 6 cooling fan.
- 42 & 45 unit standard height and available size of 600x1000, 600x1100, 600x1200 or 800x1000, 800x1100, 800x1200 mm.
- Components in acc. With IEC 60297.
- Design door at front with coloured offset perforation.
- Cable entry on the top cover and bottom, can be completely removal and replacement after cabling.
- 9 Folds full welded frame, 2.0mm tickness steel, (1400kg loading).
- Single hexagon perforated steel front door w/ALO Swing handle lock.
- Lockable Quick release side panel × 2.
- Full height adjustable 19" panel mounting angle w/U marking × 4.
- Full height adjustable Aux. Side mount panel × 2.
- Full depth horizontal mounting support × 6.
- Heavy duty castor & leveling feet × 4.
- M6 cage nuts, cup washers & fixings × 50.
- Earth Grounding kit set.

Acessories for complete solution

Vertical Cable Management
This is the same trough that is used in our Cable Management Cabinet Kit.
Oblong holes along the front provide access to cable from side, while holes on rear match holes in our Cable Management. Hinged front door provides easy access to cables. Also available in a shorter depth for tighter areas.

High Density Horizontal Cable Management.
FIX Shelf Mount.
Slide Shelf Mount.
Electric fan.
Rack cabinet lighting.
Ground bar.
Temperature fan control (front and roof top).
Door sensor alarm.
Power monitoring for power consumtion.

SYMETRIX +1

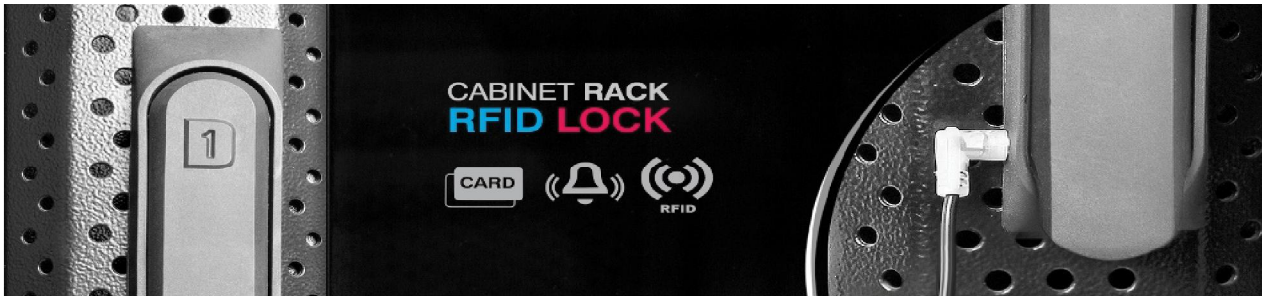## HEAVY DUTY DATA CENTER RACK CABINET

RoHS COMPLIANT

TIA

Suitable for use in large data room applications that require a robust and fully featured server racking solution with free flowing movement.

Avaliable for 600 or 800 mm. (width)
1000 or 1100 or 1200 mm. (depth)
42 or 45 U (hight) with Cold & Hot containment.

iLOCK (intilligent rack lock), is worked out by micromagnets technology. This creativity is integrating IT, telecom communication with RFID card technology and its relative IC. Its easy operation, programming, low power consumption and simple installation, point out its main advantages of high security.Its advanced SMT and multi-testing ensure its long service life. While its excellent functions like users information management, illegal operation alarm, low-power alarm, autolock.This product can be used in anywhere need door access control.

iLOCK (RFID Lock'Function)

1. Any card which is EM4100 or EK4100 can be programmed by our lock system.
2. When staff resign, no need to change the lock or door, only cancel its user card by the management card.
   Then the staff who has the previous user card, can not open the lock.
3. After close the rack, 3 seconds later, lock will be auto-locking.
4. Battery power offering and outside power offering for backup.
5. When the un-programmed card read the lock, it will send voice alarm.
6. When voltage lower than 4.8V, alarm will be Triggered.
7.Then using the system administrator program card you can program in up to 200 users cards per handle.

iLOCK Advantages:

No key design, for vandal proof
Manage users information effectively by programming
Card unlocking, no need to bring steel key
Auto-lock afer close the rack door, no need lock the rack by man-made way
2-way powering offering to avoid the battery used up
Integrated Proximity Access Locking Handle

iLOCK Material and SMT:

Lockpanel & Handle: Plastic, PA66+30%, plating
Battery Cabinet: ABS
Turntable: Zinc alloy, passivation.