



FO-REP/MDC-41212042

» FEATURES

- **Producibility:** High integration All-in-room design, rack, cooling, power in one set system.
- **Fast building:** Double row, close/open hot cold aisle building option.
- **High density:** One rack has a high density of maximum 6KVA power.
- **Air conditioner type:** In row unit air conditioner type.
- **Modularity product:** UPS and intelligent power unit using efficient model.
- **Green energy saving:** PUE<1.5.

» APPLICATION

- Apply to 50-10000 m² data center.
- Use into the data center of internet, carrier operator, government, enterprise, education, hospital, banking etc.

» CONFIGURATION

- 2 units 19inch 42U standard rack together with aisle containment components, unit rack capacity of 6KVA; 4 units 25KW in row air conditioner.
- 1 unit modular 120KVA UPS and battery group, 1 unit precision power cabinet.
- 1 set environment monitoring management system.
- MDC covers an area of 20.52 m², with a front and rear maintenance area for 1200mm; the standard usage area of a FO-REP/MDC-41212042 is 48.6 m².
- The height of MDC is 2550mm, with a maintenance height of 300mm, totally standard height of 2850mm.

» SPECIFICATIONS

RACK AND ACCESSORY	
Rack Size	600*1000*2000mm
MDC Size (W*D*H) mm	5700*3600*2550mm
Available Space (U)	12R*42U
ELECTRICITY	
IT load capacity (KVA)	70KVA
UPS power (KVA)	120KVA
Type	Modular
Redundancy mode	N+1
Input power	380V/3Ph/50Hz
Output power	220V/1Ph/50Hz
Distribution	Dual precision and smart distribution module
Output power	C13 output
System distribution time (min)	30
REFRIGERATION	
Refrigeration Mode (Column Space)	Air-cooled/Water-chilled
Refrigerating Output for Single (kw)	25
Refrigerating Output for Total (kw)	100
Redundancy	N+1
Air Supply	Cold aisle closed, air flowing from the back and coming out of front
Temperature and Humidity Sensor	12
Waterlogging	1
Webcam	1
Entrance Guard	1
UPS	YES
Precision Smart Power Distribution Cabinet	YES
Air conditioning	YES

» EXPANSION AND CUSTOMIZED CONFIGURATION

Having a customized configuration and expansion according to the site conditions and requirements, MDC products can adjust the quantity and power of every single cabinet.