



Deutsche Power

# THINK CENTER SERIES IDU MODULAR DATA CENTER

All-In-One solution  
Energy Efficient, Smart  
Management



# IDU DATA MODULAR DATA CENTER

## MODULAR DATA CENTER

Think Center IDM modular cabinets Support 6-50 cabinets with upto 600KW capacity and can applies to large indoor Data Centers, power supply and distribution system, cooling system, monitoring system, cabling system. All-In-One solution, IDM features quick and easy deployment, energy efficient, smart management, safety and reliability

## GENERAL FEATURES

- Intelligent management.
- Powerful reporting capabilities.
- Centralized monitoring platform 7x24-hour unattended, remote monitoring
- Real-time alerts can be made in time by SMS, telephone, email, sound and light, etc.
- Visual display of key information
- ModbusTCP, MQTT, etc. for easy system integration.

## Safety and Reliability

Productization reliability up to 99.999%. Adopt integrated design to enhance the overall reliability of the system. Integrated intelligent monitoring system, early warning of key data to ensure the safety of server room operations reliable Containment top panel can be opened by the fire system.

Components are manufactured according to international and domestic standards. Redundant design of key components for better system reliability.

## Efficient and energy-saving

Hot or cold ventilation channels, highly reduced energy consumption in-row air conditioner cooling. Closed cooling space to achieve for precise cooling can save energy by more than 35%;

High density deployment, single cabinet up to 15kW.

Remote O&M is unattended, saving TCO. Space saving, Integrated power supply and distributio 1-2 more equipment cabinets can be deployed.

## Easy installation

Full integration of IT cabinet, UPS, battery, power distribution and precision cooling system.

No need for professional machine room modular, plug-and-play design can be installed directly on the concrete floor of the building, reducing the supporting engineering;



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## TECHNICAL SPECIFICATION

### MODULAR DATA CENTER

Mode	TCIDM-16CS	TCIDM-20CS	TCIDM-16CB	TCIDM-20CB	TCIDM-16CT	TCIDM-20CT	TCIDM-16CF	TCIDM-20CF
Power								
Total IT capacity (KW)	55	75	80	104	90	130	120	165
Redundant Design	N+X							
Power format	Input : 380V/3P; Output:380V/3P							
UPS power KVA)	100	120	140	160	140	180	200	200
Backup time (min)	10、15、30、60、120、240min							
Cooling								
Redundant Design	N+1							
Cooling Capacity KW)	23	25	23	40				
Width (mm)	300	400	300	600				
Monitoring								
Temperature and humidity sensors	Standard configuration two, can local precision monitoring according to customer requirement							
Smoke sensors	2							
Leak detection	Yes							
Camera	2							
UPS	Yes							
Power distribution monitoring	Yes							
AC monitoring	Yes							
KVM	Optional							
Structure and cabinets								
Installation area(m²)	≥24	≥30	≥24	≥30	≥24	≥30	≥24	≥30
Installation height (m)	2.6							
Cabinet size (W*D*H) mm	600*1100*2000 (42U)							
Notes	IDM product solutions can be customized depending on the number of cabinets power densities power modes, different backup time, UPS, Air conditioning							



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