

PRECISION • EFFICIENCY • CREATIVITY

PRODUCT CATALOGUE

*“Because the best way to predict
the future is to invent it.”*

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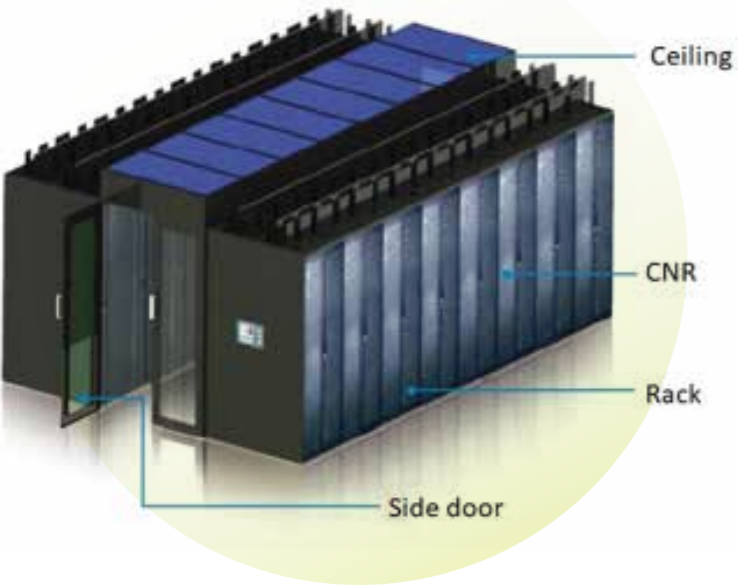
Small to Medium Integrated DC

RELIABILITY

- All integrated components comply to international standard, ensured quality.
- Pre-assembly and tested at factory in every details to ensure product reliability.
- Completely integrated design, providing complete DC solution, avoiding system design problem.
- Power distribution and Cooling system according to international standard (Applicable different Tier rating).

HIGH EFFICIENCY

- With CNR (between rack cooling), producing closest cooling to IT equipment, and configured with hot/cold aisle containment. It significantly increases the efficiency of the cooling performance to the highest.



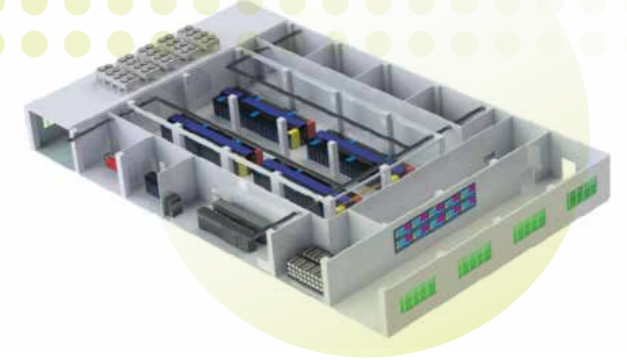
SIMPLE AND QUICK

- Modular design with hot swap capability, providing fast and easy installation and maintenance.
- Without required data center environment, providing 'plug and play' capability, DC can be fully operated from 2 to 3 weeks.

INTEGRATED MONITORING SYSTEM

- Providing integrated environment monitoring system, with expandable capability and user-friendly HMI.
- Support remote monitoring with webserver interface.

TECHNICAL SPECIFICATION



CIDC

	CIDC SERIES	SINGLE ROW	DUAL ROW
Overall System	System Dimension	L x 2400 x 2500mm (with Base Frame), L x 2400 x 2300mm (without Base Frame); L < 15m	L x 3600 x 2500mm (with Base Frame), L x 3600 x 2300mm (without Base Frame); L < 15m
	Rack Quantity Per CIDC	3-24 racks	6-48 racks
	Cooling System Per CIDC	1-8 units	2-16 units
	Rack Dimension	600 x 1200 x 2000 (42U)	
	IT Load Per Rack	3kW-20kW	
	Power Supply	380-415Vac, 3P+N+E, 50/60Hz	
	Working Environment	0°C-40°C, 5%-90% RH	
Power System	Precision Power Distribution Rack	Input: 160A/250A, MCCB/ATS Dual Source; Output: A/B Dual Output Up To 30-60 Branches	
	Intergrated UPS Rack	20-60kVA (include batter pack up to 10 mins full load backup); 20-120kVA (without battery pack)	
	Modular UPS Rack	20-200kVA (without battery pack)	
Integrated System	Monitoring	Smoke Detector, Temperature and Humidity Sensor, Water Detection Kit, Security Camera, Door Lock, Power Distribution, Live PUE and Historic PUE	
	Features	15-21" Colour Touch Screen; Monitor For 16 Units CNR, 4 Units Power Distribution Rack, 64 Temperature and Humidity Sensors, 16 Water Leakage Sensors, 8 Smoke Detectors	
Cooling System	CNR	20kW-40kW (Air Cooled); 30-50kW (Chilled Water)	
	Dimension	300 x 1100 x 2000mm; 600 x 1100 x 2000mm	
	Air Distribution	Front Discharge Rear Return	

Due to our policy of continuous development and improvement, the specifications and data herein are subjected to change without notice. We must therefore reserve the right to supply equipment that may differ from that described and illustrated herein. All information, including illustrations, contained in this brochure, is believed to be accurate and reliable. Users, however, should independently evaluate the suitability of each product for their own application. CITEC makes no warranties as to accuracy or completeness of the information, and disclaims any liability regarding its use.