

PRO DCA 8000 series

Modular Data Center

Introduction

PRO DCA 8000 series adopts a modular prefabricated design. Integrate power supply, UPS, precision cooling, cabinet, closed channel, and dynamic environment monitoring systems into one. Equipped with abundant sampling sensors, real-time unified monitoring and management, realizing automatic control and intelligent operation and maintenance. Improve the reliability, availability, and maintainability of the data center.



Application

Large data centers and campus data centers, Banking, Financial and Insurance, Education, Healthcare, Manufacturing, Retail and Wholesale, Transportation.

Features

- **High Reliability**
Prefabricated installation, redundant design of system components, improving overall system reliability.
- **Intelligent Management**
Supporting SMS, phone, email, sound and light alarms, and friendly HMI: remote APP, local LCD, WEB.
- **High Efficiency**
Equipped with high-efficiency modular UPS, integrated power distribution design, In-row AC refrigeration, closed channels, and reduced energy consumption.
- **Simple Installation**
Standardized engineering design, quick installation modular design, hot-swappable, easy to install and maintain.



Model		DCA 8000
System	Dimensions(W*D*H)mm	3600*L*2600
	IT Rate Power/Cabinet	3~12kW
	Door	Automatic sliding doors/Manual sliding doors
	Lighting	LED lighting+RGB
	Door Security	Fingerprint + IC card + face ID
	Ambient Temp.	0-45°C
	Ambient Humidity	10-95%
	Protection Level	IP20
	Installation	Installing on concrete floor or raised floor
Cabinet	Dimensions(W*D*H)mm	600/800 * 1200/1100 * 2000/2200
	Space Available	42U
	Cables Entry	Top and bottom
PDM	Input Way	Single input MCCB/Dual input ATS
	Rate Input	380/400/415Vac,50/60Hz
	Total Input Current	63~400A
	SPD	Class B/C (optional)
	Distribution type	Integrated UPS power distribution cabinet
UPS	Rate Capacity	Built-in maximum 180kVA, external 200kVA or more
	Input Frequency	50/60, +5Hz
	Output PF	1
	Battery	Built-in rack battery cabinet or external battery cabinet
PDU	Standard Type	IEC socket*2pcs, 16 ports (12*10A+4*16A)
Cooling	Cooling Capacity	12.5~60KW (In-row)
	Refrigeration method	forced air cooling
	Refrigerant	R410A
Monitoring	HMI Interface	23.8 Inch touch all in-one PC
	System Function	WEB remote access/centralized monitoring of power, environment, video, access control system
	Monitoring Parts	Smoke/Temp.& humidity/Water leakage/Infrared detector/Webcam/Door security/Fire fighting
	Alarms	Email/SMS alarm (optional)/Sound and light alarm(optional)/ Phone voice(optional)/Phone APP(optional)