

# GT-DC8000 Series Modular Data Center



## Introduction

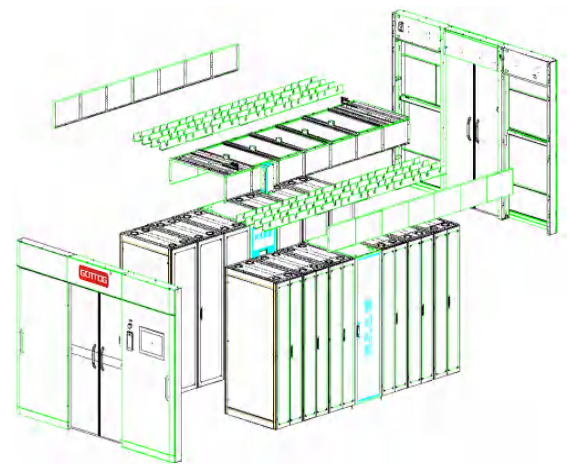
GT-DC8000 series adopts a modular prefabricated design. Integrate power supply, UPS, precision cooling, cabinet, closed channel, and dynamic environment monitoring systems into one. Equipped with abundant sampling sensors, real-time unified monitoring and management, realizing automatic control and intelligent 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		GT-DC8000
System	Dimensions(W*D*H)mm	3600*L*2600
	IT Rate Power/Cabinet	3~12kW
	Door	Automatic sliding doors/Manual sliding doors
	Lighting	LED white light with human motion sensor smart control; smart color ambient lighting integrated with monitoring system
	Door Security	Multiple access options: face recognition, fingerprint, password, IC card
	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	65/23.8 Inchs 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)

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