

GT-DC5000 Series

Modular Data Center



Introduction

GT-DC5000 is a complete self-contained modular data-center designed by GOTTOGPOWER experts to enable rapid and risk-free IT deployments. With capacities up to 15 racks, integrating cooling, UPS, power distribution, and emergency ventilation, the AC5000 enables standardization of complete micro datacenter configurations across multiple locations.

Application

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

Features

- High reliability, engineering productization, prefabricated installation, redundant design of key systems and components to enhance overall system reliability.
- Intelligent management, supporting various alert methods such as SMS, phone calls, emails, and audio-visual signals, with multiple human-machine interaction methods including remote apps, local LCD, and web interface.
- High energy efficiency, adopting high-efficiency intelligent modular UPS, integrated distribution design, various modes of rack/In-row precision air conditioning, closed channel deployment, empowering data centers to achieve optimal PUE.
- Factory pre-installation, standardized components, modular architecture, plug-and-play, facilitating rapid deployment of data services.

Model		GT-DC5000
System	Cabinets number	1-15
	Power grid system	Single Phase: 220Vac,50Hz, 1Ph+N+PE; Three Phase: 380Vac, 50Hz, 3Ph+N+PE
	Ambient temperature	0-45°C
	Protection Level	IP5X
Cabinet	Dimension (W*D*H) mm	600*L*2000 (W/O wheels)
	Display	10.1 inches touch screen LCD
	Lighting	LED lighting+RGB
	Cable entry	Up and Down
	Access control	Fingerprint + IC card + face ID
	Emergency cooling	Pop-up door
PDM	Input current	63-200A
	SPD	Class C
UPS	Capacity	3-10kVA 20kVA-120kVA
	Input	1P: 220Vac,50Hz,1Ph+N+PE; 3P: 380Vac, 50 Hz, 3Ph+N+PE
	Work operation	1P/1P; 3P/1P; 3P/3P
	Battery	Packs or cabinets
PDU		13*IEC C3+3*IEC C9, * 2 configuration
Cooling	Input	Connect to utility
	Capacity	3.5-25kW
	Installation	Rack or In-row
	Ventilation	Back to front
	Compressor	VF
Monitoring	Integrated intelligent monitoring screen	
	Power monitoring(UPS, load)	
	Smoke sensor, 1 per set (optional upgrade available)	
	Temp. and humidity sensor	
	Water leakage sensor, 1 per set	
	Network Camera(option)	
	Infrared sensor(option)	
	SMS alarm(option)	
Acoustic-optic alarm(option)		

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