

BR-iBLOCK RACK ALL IN ONE DATA CENTER

IT Infrastructure Solutions



ACSON[®]
International
Air Conditioners

BR-iBLOCK RACK ALL IN ONE DATA CENTER

Acson BR-iBlock Rack All in One Data Center is a self-contained and pre-configured solution in order to meet the needs of business expansion. It is a modular data center integrate UPS, PDU, monitoring and air conditioning in a cabinet.

Application

- Small-medium size data room
- IT workstation / IT equipment room
- Distributed business outlets
- Computer room and data center



Government



Enterprise



Education



Security&bank



Intelligent Community



Specifications

BR iBlock Rack All In One Data Center

Model			ABR1M03	ABR1M06	ABR1M03C-IT
Cabinet Size	Height	mm/in	2000 / 78.74		
	Width	mm/in	600 / 23.62		
	Depth	mm/in	1200 / 47.24		
System Input Requirement		V/Ph/Hz	220 ~ 240 / 1 / 50		
System Output Requirement		V/Ph/Hz	220 ~ 240 / 1 / 50		
Maximum Total Input Power		kW	3	6	3
Noise		dB	45 dB When Door Closed; 55 dB When Door Opened		
Usable U Space			28U		
Air Flow Management Flow			1U X 3, 2U X 3, 4U X3, 1U With Brush X 1		
IP Marking			IP5X		
Outdoor Unit For Air Conditioner			SPLIT TYPE		N/A
Unit Weight		kg/lb	280 / 617		
Power System	UPS	Capacity	3 / 2.4		3 / 2.4
		Backup Time	15 Minutes @ 3kW Load		5 Minutes @ 6kW Load
	Power Distribution Unit (PDU)	Type	Rack-Mounted PDU; IEC		
		Configuration	32A Input, 6 X C13 +16 X C19		32A Input, 6 X C13 +16 X C19 / 10A Input, 2 X C13, 2 X C19 (Optional)
Monitoring System	Local Display		7" Touch Panel		
	Display Language		English And Chinese		
	UPS Connection		RS 485		
	LED Lighting		2, Front & Rear		
	Water Leak Detection		Standard Configuration		
	Classs C Lighting Protection/ Surge Suppression		Standard Configuration		
	Temperature And Humidity Sensor		Standard Configuration		
	Cabinet Door Sensor		Standard Configuration		
	Emergency Fan		Front And Rear, Standard Configuration		
	Air Conditioning		Rack-Mounted Air Conditioner, 3.5kW, Inverter		Rack-Mounted Air Conditioner, 2kW
Option			R410A		R134a
			Smoke Detector, Audible And Visual Alarm, Electronic Lock (Front And Rear Door), Mechanical Password Lock (Front And Rear Door), Power Distribution Box, Led Dual-Colour Lamp, SMS, Fire Box		Fire Box, SMS, Smoke Detector, Audible And Visual Alarm

Notes:

1. All specification are subjected to change by the manufacturer without prior notice.
2. Double cabinet BR unit are available upon request.

Key Components



Power Supply and Distribution System

- Power Distribution Unit (PDU)
- UPS input/output
- Cooling Unit
- Standard Class C lightning protection



Rack-mounted UPS

6kVA / 3kVA on-line double conversion UPS which provide backup power to emergency fans when power interrupted.



Cabinet System

- Enclosed sealed cabinet
- Complete cabinet fittings: tray, L type lead rail, wiring frame, LED lights, cabinet door sensor and etc.
- LED dual-colour lamp (optional)



Monitoring Management System

7" touch screen display that provides easy access for temperature, humidity, UPS and components inside cabinet.



Thermal Management & Emergency Fans

- Rack-mounted air conditioner with 3.5kW/2kW cooling capacity
- Front and rear emergency fans operate automatically when power interrupted

Advantages



Modular Solution

- All in One: UPS + Air Conditioner + Power Distribution + Monitoring and etc.
- Fast Deployment: Customize own blocks according to IT requirement and hence, the future expansion can be carry on without interference.
- Factory-assembled / pre-loaded with brief boot-up duration



Intelligent Monitoring System Management

- Real-time online monitoring and alarm system.
- 7-inch touch screen display.
- PSmoke detector, SMS alerts and password lock (optional).
- Multiple management functions: settings, records and data, alarm and security etc



High Efficiency

- Pre-defined path of sealed hot and cold channels: fully protected from moisture and dust with IP5X protective grade.
- Annualized PUE < 1.4



Simplified Solution

- Space-savings and no room renovation required.
- Built-in UPS.
- Pre-wired connections for all components.
- Constructed in a single day



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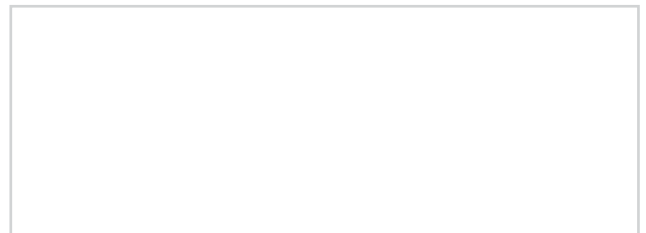
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