

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	ABR1M10	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	10	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	6 / 5.4	10 / 9	3 / 2.4	
		Backup Time	5 Minutes @ 3kW Load (1 battery)	5 Minutes @ 6kW Load (1 battery)	5 Minutes @ 10kW Load (2 battery)	5 Minutes @ 3kW Load (1 battery)	
	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		Refrigerant	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



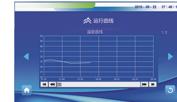
Rack-mounted UPS

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



ACSON MALAYSIA SALES & SERVICE SDN. BHD.
*a member of **DAIKIN** group*

Business Registration NO. 198401017130 (129688-D)

No. 7A, Jalan 13/4, Seksyen 13, 46200 Petaling Jaya,
Selangor Darul Ehsan, MALAYSIA

Tel : +603 7964 8200 Sales Fax : +603 7956 9909

Service Fax : +603 7956 9907 Acson Careline : 1300 22 3344

Penang	: +604-5377 176	Pahang	: +609-5178 696
Perak	: +605-3129 828	Kelantan	: +609-7405 233
Melaka	: +606-2926 196	Sarawak	: +6082-344 128
Johor	: +607-3551 599	Sabah	: +6088-420 205

www.acson.com.my

Authorized Dealer :

Products manufactured in an ISO certified facility.
This document contains the most current product information as of this printing.
For the most up-to-date product information, please logon to www.acson.com.my