



MICRO DC

43U Specification

Background

The Axil Micro Data Centre Cabinet is an easy solution for remote site offices. Pre-assembled and wired with air-conditioners complete, The Axil Micro DC will fit through a standard doorway. This unique design will house the UPS, battery packs, monitoring and management system, fire suppression, DB and **no break** bypass system without taking up any valuable rack space.

Design

- Heavy duty frame construction
- Smallest Footprint
(H 2200mm x W 750mm x D 1000mm + 80mm patch lead slack section)
- Portable
- True hot/cold aisle configuration
- Maximum interior space utilisation
- Inside frame internal wiring

Backup Power

- Unique design UPS with built in/removable bypass and DB combination.
- Full SNMP / GSM / AS400 modules
- Standard and extended battery backup

Access Control

Biometric with remote control (GSM)

Air-conditioning

19 Inch rack mount, true hot/cold aisle configuration
Remote management for emergency cooling
Through flow of close loop systems

Fire Suppression

Double knock release system aerosol or gas

Environment Monitoring

A GSM base system that will link to all cabinet facilities and alert via text or e-mail. Couple this with the PDU and UPS SNMP-TCP/IP web based system to complete full monitoring. Up to 5 day built in UPS. Alert on UPS, Smoke, Power, Access, Water Leak, Remote Control of Doors, Emergency Cooling. Also monitors the environment outside the cabinet.



Service maintenance anywhere in Southern Africa (1-5 Year warranty options available)



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Specification Datasheet

Cabinet Specifications		U-sage
Rack Configuration	Single, Double, Triple, Quad, Penta	
Rack Height	43U	+42U
Weight (empty cabinet)	190Kg	
Carrying Capacity	1000Kg/ 1Ton	
Supported Weight on Single	1000Kg	
Width	750mm	
Height	2100mm	
Depth	1000mm	
Usable U space	80% available space + additional 9U	
Warranty	1 Year with up to 5 years optional	
Rack Materials		
Front Door	Glass Door & steel with additional space for patch lead slack	
Rear Door	Steel	
Housing	1.6mm	
Frame	1.6mm	
Paint	Structured black(powder coated)	
Cooling System		
Aircon Design Capacity: Through flow/Closed Up	12000Btu / 15000Btu (Hot/Cold aisle configuration)	-8/9U
Warranty	1 Year with up to 5 years optional	
Fire Suppression System		
Extinguisher Type	Aerosol / FM 200	0U
Detection Type	1x Optical Detector, 1x Ionisation Detector	
Warranty	1 Year with up to 5 years optional	
Distribution Board / Power Management Panel (PMP)		
Material & Finish	Steel Powder Coated	0U
Height	0U	
Width & Depth	480mm, 120mm	
Input	Dual 32 Amp IEC Connectors	
Output	Quad C19 – 16Amp connectors.	
	Volt & ammeter display	
	Intelligent options	
PDU		
Half Cabinet	9x C13 locked + 3x 2 pin + 2x C19	0U
Full Cabinet	16x C13 locked + 4x 2 pin + 5 x C19	0U
Environment Monitoring System (EMS)		
Type	Axil Tell-Tale up to the Axil P194	0U
Communication	GSM, e-mail	
Alerts	Temperature, Humidity, Flood, Power, Smoke, UPS , Generator, Access After Hours, Outside Environment	
Warranty	1 Year with up to 5 years optional	
Uninterrupted Power Supply (UPS)		
Type	Axil Rack Mount system including battery backup	0U
Size	3Kva, 6Kva	0U
Warranty	1 Year with up to 5 years optional	
Communication	GSM – TCP/IP – SNMP – AS400	0U