

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 utilization
- 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)

## AIRCONDITIONING

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

## FIRE SUPPRESSION

- Double knock release system aerosol or gas

## ENVIRONMENT MONITORING

A GSM-based system that will link to all cabinet facilities and alert via text or email. 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.



| Cabinet Specifications                            |   | U-Usage |
|---|---|---------|
| 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                                    | 1 x Optical Detector, 1 x 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 – 16 Amp Connectors, Volt & ammeter display, Intelligent options                           |         |
| Power Distribution Unit                           |   |         |
| Half Cabinet                                      | 9 x C13 locked + 3 x 2 pin + 2 x C19  | 0U      |
| Full Cabinet                                      | 16 x C13 locked + 4 x 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      |