

Malaysia APC Integrated Data Center Micro-Module Model



Overview

Micro Data Center Delta's modular datacenter solution offers a datacenter environment that provides safe equipment operations within the racks, and support.

Key Takeaways

The APC EcoStruxure Micro Data Center is a modular, pre-integrated solution offering power, cooling, security, and monitoring for rapid deployment in Malaysia.

Overview

The APC Eco

Struxure Micro Data Center is designed for fast, flexible deployment of IT infrastructure, particularly for edge computing, branch offices, and SMEs. It integrates power distribution units (PDU), uninterruptible power supplies (UPS), cooling, monitoring, and rack systems into a single prefabricated cabinet, enabling installation within hours rather than months. The solution supports both controlled and harsh environments, with the R-Series specifically tailored for industrial or warehouse settings, featuring sealed enclosures, active cooling, enhanced filtration, and security.

Key Features

Modular Architecture: Standardized modules allow on-demand deployment and easy relocation, supporting rapid scaling and batch replication. **Integrated Power and Cooling:** Pre-installed UPS, batteries, and cooling systems reduce Power Usage Effectiveness (PUE) to as low as 1.245 per module.

Intelligent Management: Remote, local, and mobile monitoring platforms provide centralized control, pre-alarm notifications, battery auto-shutdown, temperature and water leakage monitoring, and predictive maintenance alerts. **Compact and Flexible:** Designed to operate without a dedicated room, the system circulates hot and cold air within the rack for optimal temperature and humidity control, extending IT equipment lifespan. **Security and Environmental Protection:** Options include dust and noise insulation, air filtration, and climate control for sensitive environments.

Deployment and Availability in Malaysia

In Malaysia, VSTECS Berhad is an authorized distributor of APC products, including UPS and integrated data center solutions, providing enterprise clients with reliable power and sustainable energy management options. Additionally, J&M Eastern Group serves as a premier APC partner and reseller, offering a wide range of UPS models and EcoStruxure Micro Data Center configurations, along with expert guidance, installation support, and maintenance services.

Applications

Edge Computing: Supports IIoT and Industry 4.0 deployments by placing IT infrastructure close to operational sites.

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Es and Branch Offices: Provides a compact, all-in-one solution for small to medium enterprises requiring reliable power, cooling, and monitoring without a dedicated data center room. **Industrial Environments:** R-Series modules are suitable for warehouses, manufacturing floors, and other harsh environments where dust, moisture, and temperature fluctuations are concerns.

Summary

The AP

C Integrated Data Center Micro-Module in Malaysia offers a pre-integrated, modular, and intelligent solution for rapid deployment of IT infrastructure. With local distribution through VSTECS and authorized resellers, businesses can access scalable, energy-efficient, and secure micro data centers that reduce operational complexity, improve uptime, and support sustainability goals.

Article Content

Micro Data Center

Delta's modular datacenter solution offers a datacenter environment that provides safe equipment operations within the racks, and supports the development and

Data Center Solutions and Networks | Schneider

An increased demand for readily available data comes with rising demand for power. That's why data centres at the edge need to be more sustainable, efficient,

Data Center Solutions

We utilize APC's award-winning technology whose innovative approach is to integrate power, cooling, rack, management and services into an easily scalable architecture that increases adaptability and

Building a modular hyperscale data center in Malaysia

Though Singapore's data center moratorium is slowly ending, demand is still outstripping supply in the city-state. As a result, Johor, just across the border in southern Malaysia, is fast

EcoStruxure Micro Data Center

Choose the right Micro Data Center based on where it is going and its potential exposure to dust, moisture, and temperature changes. See the S, C and R series features below.

Datasheet Archive: SYRIA APC INTEGRATED DATA CENTER

View results and find syria apc integrated data center micro-module model datasheets and circuit and application notes in pdf format.

Data Center

Adopts Alibaba CUBE DC 5.0 architecture and applies prefabricated cabin products, serving as a benchmark project for the national "East Data, West Computing" initiative.

EcoStruxure™ Micro Data Center

EcoStruxure Micro Data Centers combine power, cooling, security, and management in one enclosure. What is a micro data center? Micro data centers address IT integration on the factory floor, enabling

EcoStruxure Micro Data Center R Series Brochure

It's everything you already love about EcoStruxure Micro Data Center – a complete, simple-to-deploy, simple-to-manage solution – fine-tuned for industrial use. Up and running in weeks, not months.

APC by Schneider Electric's SmartBunker

APC by Schneider Electric's SmartBunker solution is a self-contained, single-enclosure system that includes preassembled data center infrastructure to support micro data center applications.

Officetel-watcher/seen.json at main · siufuguv-hub/Officetel ...

Contribute to siufuguv-hub/Officetel-watcher development by creating an account on GitHub.

APC Micro Data Center Solutions for 2026

Discover top APC micro data center options with edge computing, remote monitoring, and modular expansion. Find verified suppliers, compare prices, and click to explore the best solutions for

GitHub Copilot · Your AI pair programmer

GitHub Copilot works alongside you directly in your editor, suggesting whole lines or entire functions for you.

Integrated Data Center Module

Integrated Data Center Module - GreenBay CES | Malaysia Mission Critical Services Team Modular, standardized architecture enables on-demand deployment; integrated power supply and distribution

EcoStruxure™ Micro Data Center

Reliable EcoStruxure Micro Data Center offers comprehensive solutions with power, cooling, security, and management for commercial and industrial environments.

Micro Data Center

Micro Data Center Delta InfraSuite is a new generation, highly integrated modular datacenter solution. It uses racks as the datacenter carrier and fully integrates all sub-systems including UPSs, cooling,

Racks and Accessories | Schneider Electric Malaysia

Schneider Electric Malaysia. Discover our range of products in Racks and Accessories: APC Custom Solutions, APC NetShelter SX Advanced

Uninterruptible Power Supply (UPS)

Schneider Electric Malaysia. Schneider Electric's fully integrated uninterruptible power supply solutions can provide your business or Datacenter with the highest

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

