

SMDC – Multi-module

up to 300 kVA, hybrid cooling



Descripción

The Smart Modular Data Centre (SMDC) is a scalable, pre-assembled, plug-and-play solution designed for edge computing and engineered for rapid deployment.

The multi-module SMDC ensures a capacity of up to 300 kVA. It consists of 42U racks, integrated intelligent power distribution, uninterruptible power supplies (UPS) and a flexible cooling system with a capacity of up to 25 kW per cooling unit.

It also includes a fire extinguishing system, air gap sealing and comprehensive software for infrastructure management.

This multi-module solution offers multiple configuration options for redundant power and cooling enabling seamless scalability and technology upgrades with little additional cost or disruption.

Impresión de aplicaciones

The multi-module SMDC supports edge computing, operating smart facilities with IoT devices, and running remote or branch offices.

Advanced applications include technologies such as AI, AR, VR and automation systems that require flexible, scalable and energy-efficient real-time data processing.

Propiedades mecánicas

Puerta de entrada	con doble vidrio templado de 5 mm (no aplicable a los enfriadores en fila)
Puerta trasera	hecho de chapa de acero maciza
Paneles laterales	desmontable, con perno de puesta a tierra
Panel superior	la entrada del cable es posible
Panel inferior	la entrada del cable es posible
Perfil de montaje	2 pares de perfiles verticales de 19" (frontal / trasero)

Propiedades técnicas

Ventilación de emergencia	Top of the rack and front door, extracting hot air from the rack in case of cooling failure
PDU	Intelligent power management
Capacidad del SAI	up to 300 kVA
Ampliación del tiempo de autonomía del SAI (opcional)	8 to 15 minutes
DCIM	Real-time status monitor and control
Interfaz de usuario	10.4" touch screen and remote web interface
Sensores	Cooling system, UPS, power usage effectiveness (PUE), iPDU*, IT load, access control*, temperature, humidity and alarm status
Alarma y notificación	Sound and light alarm with SMS and email notification
Control de acceso	Card or keypad
Supresión de incendios	FM200-J / NOVEC 1230 rack mounted (2U)*

Versiones

Número de material	Prodotto	IT load	Available space	Cooling / Condenser	Input power
41905003ZY	SMDC – Multi-module	up to 267 kW	up to 100 racks	In-row / outdoor	380 - 415 VAC, 3Ph+N+PE 50/60Hz

The Smart Modular Data Centre is a tailor-made and customised solution to fulfil the customers' specific needs and requirements.
*depending on your configuration

Sujeto a modificaciones técnicas

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