

SMDC – Multi-module

up to 300 kVA, hybrid cooling



Description

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.

Application

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.

Propriétés mécaniques

Porte avant	avec un double vitrage trempé de 5 mm (ne s'applique pas aux refroidisseurs en rangée)
Porte arrière	en tôle d'acier massive
Panneaux latéraux	amovible, avec boulon de mise à la terre
Panneaux haut	entrée de câble possible
Panneaux bas	entrée de câble possible
Profil de montage	2 paires de profils verticaux 19" (avant / arrière)

Propriétés techniques

Ventilation d'urgence	Top of the rack and front door, extracting hot air from the rack in case of cooling failure
PDU	Intelligent power management
Capacité de l'onduleur	up to 300 kVA
Prolongation du temps d'autonomie de l'ASI (en option)	8 to 15 minutes
DCIM	Real-time status monitor and control
Interface utilisateur	10.4" touch screen and remote web interface
Capteurs	Cooling system, UPS, power usage effectiveness (PUE), iPDU*, IT load, access control*, temperature, humidity and alarm status
Alarme et notification	Sound and light alarm with SMS and email notification
Contrôle d'accès	Card or keypad
Suppression des incendies	FM200-J / NOVEC 1230 rack mounted (2U)*

Versions

Numéro de matériau	Produit	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

Sous réserve de modifications techniques

A partir de 2025-03-03 09:26:54