

SMDC – Multi-module

up to 300 kVA, hybrid cooling



Beschrijving

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.

Toepassing

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.

Mechanische eigenschappen

Deuren voor	met 5 mm gehard dubbel glas (niet van toepassing op rijkoelers)
Deuren achter	gemaakt van massief plaatstaal
Zijwanden	afneembaar, met aardingsbout
Dakpaneelen	kabelinvoer mogelijk
Bodempanelen	kabelinvoer mogelijk
Montageprofielen	2 paar 19"-verticale profielen (voor / achter)

Technische eigenschappen

Noodventilatie	Top of the rack and front door, extracting hot air from the rack in case of cooling failure
PDU	Intelligent power management
UPS-capaciteit	up to 300 kVA
UPS autonomietijd verlenging (optioneel)	8 to 15 minutes
DCIM	Real-time status monitor and control
Gebruikersinterface	10.4" touch screen and remote web interface
Sensoren	Cooling system, UPS, power usage effectiveness (PUE), iPDU*, IT load, access control*, temperature, humidity and alarm status
Alarm & melding	Sound and light alarm with SMS and email notification
Toegangscontrole	Card or keypad
Brandonderdrukking	FM200-J / NOVEC 1230 rack mounted (2U)*

Versies

Materiaalnummer	Artikel	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

Onder voorbehoud van technische wijziging

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