

Supervision :

THE CONTROL OF YOUR EQUIPMENT BASED ON INTEGRATED OPTIONS

To manage the installations

To manage the technical environment and improve the power consumption, the system provides some tools to follow, to control, to adjust and to optimize in real time the installation's behavior.

To drive the achievement

On top of supervision's standards, we integrate some advanced functions of state, capacity and achievement follow-up of technical infrastructures. The design of the technical supervision could incorporate some follow-up indicators of the energy efficiency of the CMD.

To secure the access to the data

To access the data, different user profiles are created depending on job, role and data criticality.

To monitor

To manage and improve your technical installations



To count

Follow your power consumption in real time



To alert

To create alarms in case of situations over limit



To analyze

Dashboards and Achievement indicators



To optimize

Follow the actions and calculate the energy savings



TEMPERATURE SENSOR

BADGE READER

CAMERA

FIRE PROTECTION



AIR CONDITIONING

UPS

PDU

MEASUREMENT UNIT

CONTROL DIGITAL PANEL

Together, let's build your CMD



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The Art of electronic enclosures

DC9-103-B 18-08-30-A



COMPACT Micro Datacenter

Cooling by direct expansion chiller



- Specifically designed to answer small and medium size Companies' needs
- EASY & QUICK Installation
 - MODULAR & SCALABLE Solution
 - REDUCED operating costs

IT Cabinet

FOR MEDIUM AND HIGH DENSITY APPLICATIONS

Very high Payload: 1200 kg on feet and 900 kg on caster kits.
 Heights: 42U and 47U
 Depth: 1200 mm. Depth 1000 mm on request.
 Widths: 600 and 800 mm

Air conditioning system

INTERNAL UNIT 7 OR 12 KW

Cooling Power: 7 kW or 12 kW.
 Width: 200 mm
 Depth: 700 mm
 Heights: 42U and 47U

EXTERNAL UNIT 7 OR 12 KW



Features for each model	Unit	7 kW	12 kW
Cooling Power	kW	7,1	12,5
Absorbed cooling Power	kW	2,1	3,68
EER		3,38	3,40
Cooling functional range	°C	-15 ~ +48	-15 ~ +48
Modulation of cooling Power	%	8 ~ 100	8 ~ 100
Technical data			
Exchanger		Wide Louver Plus	Wide Louver Plus
Fan type		BLDC x1	BLDC x2
Air flow	m3/h	3 480	6 600
Compressors type and quantity		Twin Rotatif Inverter x1	Twin Rotatif Inverter x1
Dimensions L x H x D	mm	950 x 834 x 330	950 x 1380 x 330
Weight	kg	60	92
Noise level	dB(A)	28	32

Access control dashboard

The access control dashboard offers a secured and integrated web server :
 Your system can be managed from your smartphone or touch pad.
Optional Equipment.



Type of available drives :
 Wiegand 125 KHz and DESFIRE EV1 MIFARE 13.56 MHz.

Low Voltage Master Distribution Panel

The low voltage master distribution panel is necessary for the protection of the IT equipment of the CMD. It is composed of 2pcs of 3U 19" Rail Din equipped with circuit breakers sized according to the equipment to protect.

Automatic resetting solutions, surge arrester, and so on.... could be suggested : contact us

PDU

The PDU are power distribution units used to satisfy all electrical Datacenter's needs. This equipment warranties the reliability of your installations and allows you to measure, to monitor, to manage your power consumption up to the server level.

METERED INPUT PDU : Supervision of the PDU and output sockets groups.

METERED OUTLET PDU: Supervision of the PDU, output sockets groups and single output sockets
SWITCHED PDU : Switch of single output socket + supervision of output sockets groups

MANAGED PDU : PDU Switched + supervision of single output socket



Rackable UPS

High level of protection and availability.
 On-line technology at dual conversion with sinusoidal wave to filter all the disruptions from/to the network power and to warranty a maximum protection to the uses.

Ongoing output voltage and frequency regulation.

A huge admissible tolerance on input voltage reduces the number of switch to the battery mode and then extends the life time of the battery.

Power	Voltage	Frequency	Autonomy at 20°C	Ht.
7 kVA / 5,4 kW	Input/Output 230 V Single phase + ground	Input/Output : 50 Hz/ 50 Hz	Integrated battery. Around 8 mn depending on powered material*	4U
			Extension compartment of equipped battery. Around 20 mn	4U + 2U
9 kVA / 7,2 kW	Input/Output 230 V Single phase + ground	Input/Output : 50 Hz/ 50 Hz	Integrated battery. Around 10 mn depending on powered material*	6U
			Extension compartment of equipped battery. Around 25 mn	6U + 3U
11 kVA / 9 kW	Input/Output 230 V Single phase + ground	Input/Output : 50 Hz/ 50 Hz	Integrated battery. Around 8 mn depending on powered material*	6U
			Around 20 mn depending on powered material*	6U + 3U

* To allow you to save your files in case of power shutdown

Fire protection and extinguish system

The 1U fire protection system is an autonomous equipment that warranties an ultrasensitive fire detection et an extinguishing without tailings *Optional Equipment.*

Novec™ 1230 extinguishing module does contain sufficient extinguishing agent to protect a closed rack of a maximum volume of 2,8 m³.

