RACK CABINETS

Smart Rack Plus Connect 19” Floor-Standing Rack Cabinet

New Design

New Packaging

SR+ RACK Connect

DESCRIPTION

High-performance rack with Wi-Fi connectivity, hysteresis control, alarm notifications sent to the Ek Smart app, and a load capacity of up to 1,000 kg for networking and communications equipment. Elegant design and easy to install in a row. Includes 4 height-adjustable feet, 4 casters, 1 ventilation panel (4 fans) with a digital thermostat, and 1 fixed 1U shelf. Tempered glass or perforated metal door for improved ventilation and removable, lockable side panels. Standard color: Black RAL 9005. Other RAL colors available upon request.



APPLICATIONS

- Electronics
- Networks
- Communications
- Fiber distribution
- Servers weighing up to 800 kg

OPENETICS / ADALTRA

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ADVANTAGES

- Sturdy and elegant design.
- Easy to install in a battery bank.
- Front door made of tempered glass or perforated metal, with a lock and key.
- Reversible sheet-metal rear door with a lock and key.
- Easily removable side panels designed to accommodate a lock and key.
- Ample cable entry capacity at the floor and ceiling.
- Front vertical cable guides with hinged covers in 800-mm-wide cabinets.
- Designed for the installation of vertical PDUs without taking up “U” space.
- Numbered, adjustable front and rear “U”-shaped guides.
- Adjustable feet (4).
- Wheels (4).
- Ventilation panel (4 fans) with a digital thermostat.
- Fixed tray, 1 unit
- Ground connection included.
- 19-inch Wi-Fi unit for temperature control and alarms via EK Smart.
- A full range of accessories is available.
- IP20 protection rating.
- Warranty: 5 years.

REGULATIONS

Dimensions and Format of 19-inch Racks	DIN 41.488, Part 1
Mechanical components and rack accessories	DIN 41.494, Parts 7 and 8
Dimensions and Design of Subracks and Chassis	IEC 60297-2 and 3
Racks and frames for electronic equipment	UNE 20539-1 and UNE 20539-2
U.S. Standard for 19-inch Racks	ANSI/EIA-310-D
Restriction of Hazardous Substances	RoHS
Compliance with European safety and quality directives	EC

TECHNICAL SPECIFICATIONS

Material	Cold-rolled steel UNE 36086-91
Color	Black RAL 9005 (check for other available colors)
Maximum load	800 kg (600 kg for 22U, 27U, and 32U racks that are 600 mm wide)
Height	1081 mm / 1303 mm / 1525 mm / 1970 mm / 2192 mm
Width	600 mm / 800 mm
Depth	600 mm / 800 mm / 1000 mm / 1200 mm
Frame Height	22 U, 27 U, 32 U, 42 U, and 47 U

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Packaging unit	1
Front door	Glass, perforated, solid metal, double solid metal, or double perforated with a lock and key
Rear Door	Solid metal, perforated metal, or double perforated metal with a lock and key
19-inch Profiles	4 numbered "U"-shaped mounting rails
Side panels	Removable panels with locks
Cable Entry	Greater than and/or less than
Adjustable feet	Included
Wheels	Included
Ventilation panel	Included
Fixed trays	Includes 1 fixed tray (1U)
Vertical cable guide with cover and hinges	Included in the 800-mm-wide models
Hardware	Included
Wi-Fi Connectivity	Yes
Hysteresis Control	Yes
Alarms to the EK Smart App	Yes

COMMERCIAL INFORMATION

REFERENCE	COLOR	U NO.	STOP	WIDTH	PROF.	DOOR FORWARD	DOOR REAR
2266VCW	Black RAL 9005	22 U	1081	600	600	Glass	Blind metal
2766VCW	Black RAL 9005	27 U	1303	600	600	Glass	Blind metal
2768VCW	Black RAL 9005	27 U	1303	600	800	Glass	Blind metal
2788VDCW	Black RAL 9005	27 U	1303	800	800	Glass	Double-sided metal blank
2761VCW	Black RAL 9005	27 U	1303	600	1000	Glass	Blind metal
3266VCW	Black RAL 9005	32 U	1525	600	600	Glass	Blind metal
3268VCW	Black RAL 9005	32 U	1525	600	800	Glass	Blind metal
3288VDCW	Black RAL 9005	32 U	1525	800	800	Glass	Double-sided metal blank
3281VDCW	Black RAL 9005	32 U	1525	800	1000	Glass	Double-sided metal blank

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COMMERCIAL INFORMATION

REFERENCE	COLOR	U NO.	STOP	WIDTH	PROF.	DOOR FORWARD	DOOR REAR
4266VCW	Black RAL 9005	42 U	1970	600	600	Glass	Blind metal
4268VCW	Black RAL 9005	42 U	1970	600	800	Glass	Blind metal
4261VCW	Black RAL 9005	42 U	1970	600	1000	Glass	Blind metal
4288VDCW	Black RAL 9005	42 U	1970	800	800	Glass	Double-sided metal blank
4281VDCW	Black RAL 9005	42 U	1970	800	1000	Glass	Double-sided metal blank
4788VDCW	Black RAL 9005	47 U	2192	800	800	Glass	Double-sided metal blank
4781VDCW	Black RAL 9005	47 U	2192	800	1000	Glass	Double-sided metal blank
2268PPW	Black RAL 9005	22 U	1081	600	800	Perforated	Perforated
2766PPW	Black RAL 9005	27 U	1303	600	600	Perforated	Perforated
2768PPW	Black RAL 9005	27 U	1303	600	800	Perforated	Perforated
2788PDPW	Black RAL 9005	27 U	1303	800	800	Perforated	Double perforated
2761PPW	Black RAL 9005	27 U	1303	600	1000	Perforated	Perforated
3266PPW	Black RAL 9005	32 U	1525	600	600	Perforated	Perforated
3268PPW	Black RAL 9005	32 U	1525	600	800	Perforated	Perforated
3288PDPW	Black RAL 9005	32 U	1525	800	800	Perforated	Double perforated
3281PDPW	Black RAL 9005	32 U	1525	800	1000	Perforated	Double perforated
3261PPW	Black RAL 9005	32 U	1525	600	1000	Perforated	Perforated
4266PPW	Black RAL 9005	42 U	1970	600	600	Perforated	Perforated
4268PPW	Black RAL 9005	42 U	1970	600	800	Perforated	Perforated
4261PPW	Black RAL 9005	42 U	1970	600	1000	Perforated	Perforated
4288PDPW	Black RAL 9005	42 U	1970	800	800	Perforated	Double perforated

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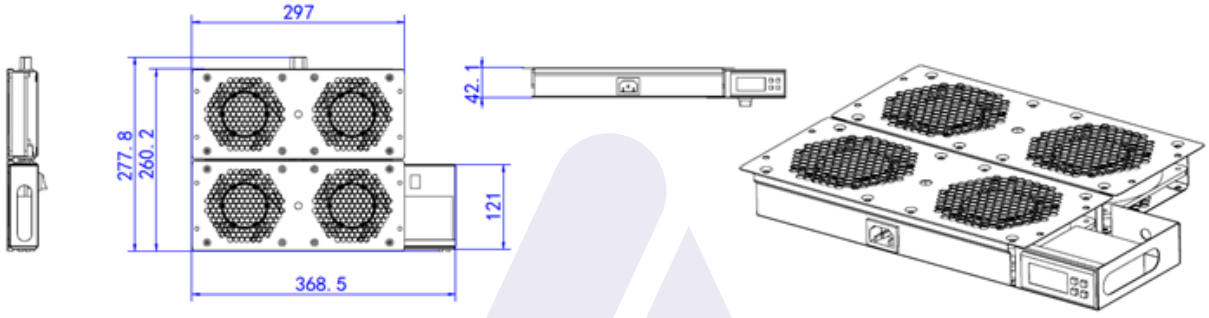
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COMMERCIAL INFORMATION

REFERENCE	COLOR	U NO.	STOP	WIDTH	PROF.	DOOR FORWARD	DOOR REAR
4281PDPW	Black RAL 9005	42 U	1970	800	1000	Perforated	Double perforated
4288DPDPW	Black RAL 9005	42 U	1970	800	800	Double perforated	Double perforated
4281DPDPW	Black RAL 9005	42 U	1970	800	1000	Double perforated	Double perforated
42812DPDPW*	Black RAL 9005	42 U	1970	800	1200	Double perforated	Double perforated
4788DPDPW	Black RAL 9005	47 U	2192	800	800	Double perforated	Double perforated
4781DPDPW	Black RAL 9005	47 U	2192	800	1000	Double perforated	Double perforated

TECHNICAL SPECIFICATIONS OF THE VENTILATION PANEL

Number of fans	4
Digital Thermostat	Includes Wi-Fi
Material	Rolled steel / aluminum with an anti-corrosion surface treatment, burr-free
Dimensions	368.5 x 297 x 42 mm
Weight	1 kg
Assembly	Top of the rack (ceiling)
Rated voltage	220 V AC
Frequency	50 Hz
Consumption	0.07 A / 7 W
Fan Speed	2,200 RPM ± 5%
I flee from the air	1.53 CFM per fan
Noise	39 dB (A)
Maximum static pressure	3.7 mm H_2O
Bearing	Sleeve bearing (oil-lubricated bearing)
Service life	20,000 hours at 25°C
Estimated total panel flow	6.12 CFM (4 fans)



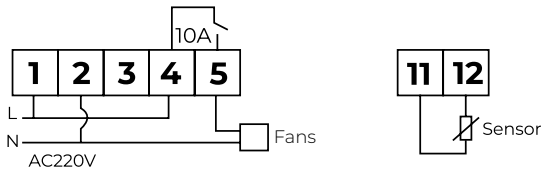
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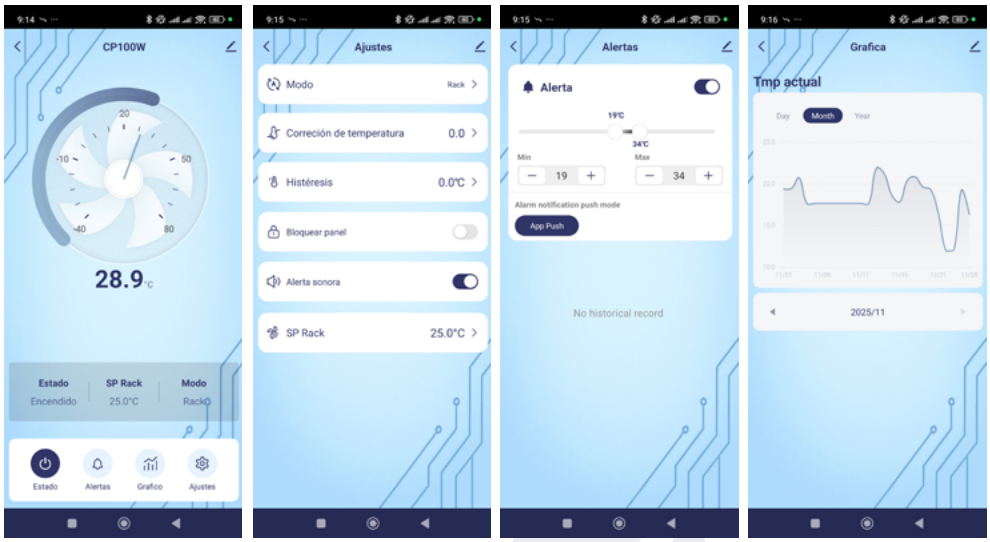
TECHNICAL SPECIFICATIONS OF THE WIFI TEMPERATURE CONTROL AND ALARM UNIT VIA THE EK SMART APP

Type	Temperature control system with 1 relay
Function	Smartphone-Based Monitoring and Alert System
Measuring range	-40°C to +80°C
Visualization	Digital LED Display / Ek Smart App
Food	230 (+10% -15%), 50... 60 Hz (±3 Hz) VAC
Assembly	Integrated into the panel housing
Switch	Manual ON/OFF switch included
Wiring	Internal, with terminals for fans and a temperature sensor
Relative humidity	< 90% without condensation
Installation	Indoor / Enclosed Rack
Analog Input	1x NTC (10 kΩ @ 25 °C, 77 °F)
Digital Output	1x Output (10A Electromechanical Relay) Fans
Degree of protection	IP65 on the front

CONNECTED



APP EK SMART



Consíguelo en el App Store

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