



# EvoLine

19" NETWORK CABINETS

***Estap***<sup>®</sup>

A Group brand | **legrand**<sup>®</sup>

# Evoline 19" free-standing network cabinets

High load rating and mounted chassis

... up to 1 000 kg

## HIGH LOAD RATING AND MOUNTED CHASSIS

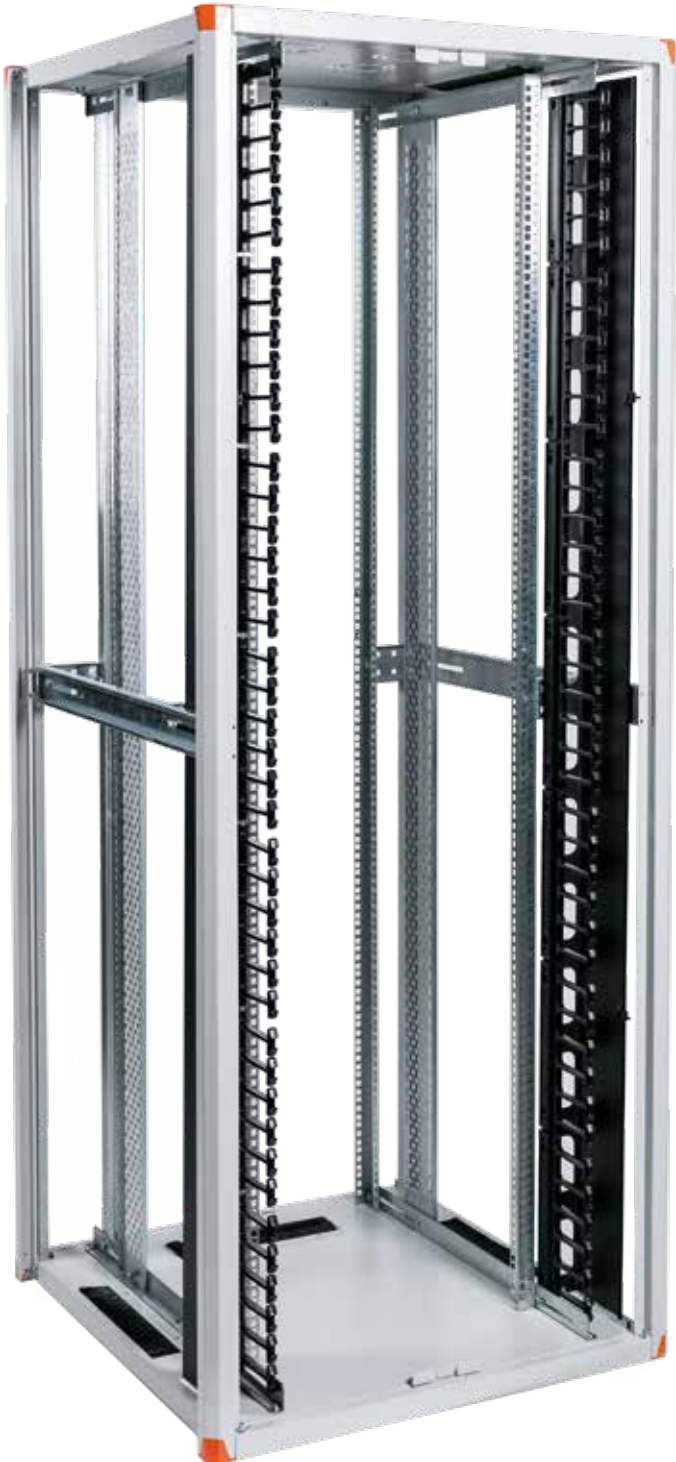
- Permissible load 1 000 kg
- Support profiles made of 24 times folded steel
- Textured polyester coating providing excellent resistance to corrosion and scratches

## HIGH FLEXIBILITY

- Assembled, fully dismantlable chassis
- Baying cabinets
- Double U marking on front and back 19" rails
- Removable and lockable back and side panels
- Wide selection of front and rear doors
- 19" rails adjustable in depth
- Door opens a maximum 120°

## VARIOUS ACCESSORIES

- Cable entries with a dust protection brush included in standard configuration
- High density vertical channels for comfortable vertical routing of big patch cord bundles
- Cable rings for vertical patch cord management in 600 mm wide cabinets
- Various types of shelves and PDU



## DIFFERENT SIZES

- 22U - 47U
- 600 and 800 mm wide
- 600 to 1 000 mm deep

### 1 LOCKABLE SIDES



Both back and side walls can be removed and locked in place. Sides are additionally secured with plastic latches.

### 2 ROOF MOUNTED VENTILATION



Ventilation units are roof mounted top to ensure most effective removal of hot air while not occupying any U position.

### 3 CABLE ENTRY ON THE BACK SIDE



Removable cable entry at the back side. 42U cabinets only.

### 4 LEVELLING FEET



For keeping network cabinets levelled. Included in a standard configuration.

### 5 DOUBLE-MARKED U



Both front and back 19" profiles are marked in both directions for quick position identification.

### 6 SLIDING 19" PROFILES



Sliding 19" profiles that allow depth positioning of active devices in the cabinet.

### 7 BRUSH CABLE ENTRIES



All cable entries are equipped with a brush as a standard.

### 8 VERTICAL HD CHANNELS



Patch cables can be effectively organized without horizontal managers, providing space saving in the cabinet.



# Evoline Standard cabinet configuration

Double front doors as a standard for 800 mm wide cabinets

600 mm width

800 mm width



## FRONT

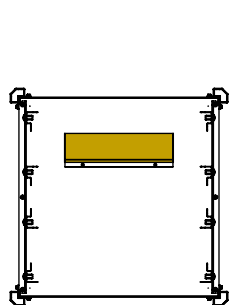
Tempered smoked-safety glass door.  
600 mm width cabinets – single front door with a handle.  
800 mm width cabinets – double front doors with 2 cylinder locks.

## BACK

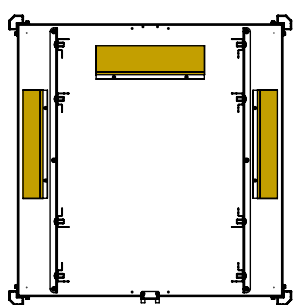
Back side with cylinder lock. Additional securing with plastic latches.  
42U cabinets equipped with removable cable entry.

## CABLE ENTRIES AND VENTILATION

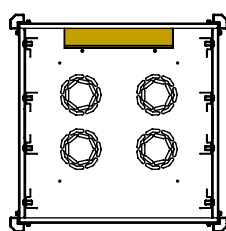
All cable entries are covered with a brush entries in a standard configuration.  
600 mm width cabinets – one 55 x 300 mm entry on the top / one 80 x 300 mm entries at the bottom.  
800 mm width cabinets – two 55 x 300 mm entires on top / three 80 x 300 entries at the bottom.  
Standard racks accepts ventilation plates with 2 or 4 fans.  
6-fan configuration is available upon request.



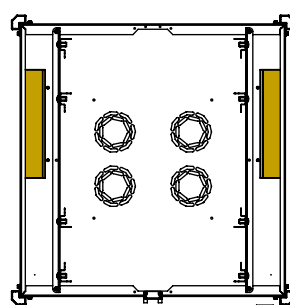
bottom



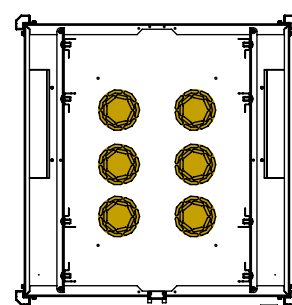
bottom



top



top



6 fans  
upon request

# Custom configurations

Better ventilation, higher mechanical resistance



## 1. FRAME ALONG THE ENTIRE EDGE

Front doors with tempered glass and full metal frame if identical look of 600 mm and 800 mm racks is required.

For 600 and 800 mm wide cabinets.



## 2. FULL METAL AND PERFORATED

Full metal front and back doors for increased mechanical resistance in demanding areas like manufacturing plants.

Perforated front and back door significantly increase cooling effectiveness of active devices.

For 600 and 800 mm wide cabinets.



## 3. DOUBLE DOORS

Double full metal or double perforated doors in case of a limited space in the server room.

For 800 mm wide cabinets.



## 4. AVAILABLE IN BLACK

Stylish RAL 9005 black cabinets upon request.

# EvoLine 19" wall-mounting network cabinets

Redesigned for much easier job

... up to 65 kg load capacity



## COMPLETELY REDESIGNED

- Better load capacity
- New accessories and features
- Aesthetic design

**BASIC PARAMETERS**

- Heights 7U, 9U, 12U, 16U and 20U
- Depths 450 mm and 600 mm
- Smart pivoting base accessory
- Sliding 19" rails with U marking
- Multiple cable entries: top, bottom and back
- Addition of levelling feet or casters possible

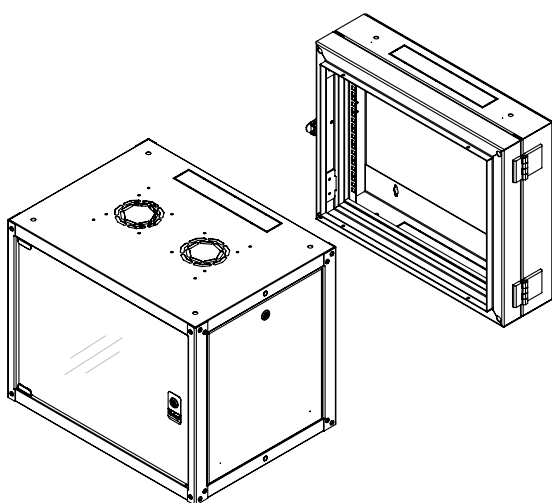


## Smart pivoting accessory

Add pivoting base to 450 mm cabinets to creating 610mm pivoting cabinets

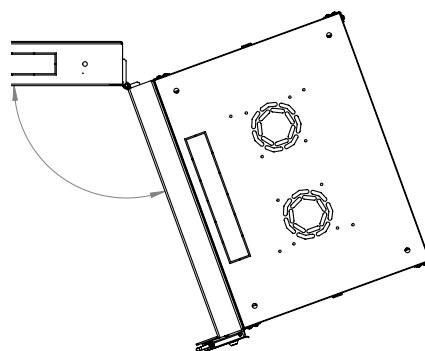
### 1 PIVOTING ACCESSORY

Add standard 450 mm cabinet (1) and Pivoting base (2)...



### 2 COMFORT ACCESS

...to create 610 mm pivoting cabinet (3).



# PDU's

## Solutions for any configuration

### A wide universal range

This new PDU offer combines Legrand's quality and innovation with a wide range of applications. A standalone solution, this range integrates seamlessly into any installation and ensures compliance with applicable standards.

#### GENERAL CHARACTERISTICS

- Anodised aluminium body:  
Lightweight rigid high-end material
- Modular design:  
Expandable outlet and function modules

#### SAFETY

- High electrical safety rating
- High-quality connection
- Outlets equipped with safety shutter

#### • Cord Locking System



#### POWER SUPPLY

- 16 A to 32 A single-phase or three-phase
- PDUs integrate local and international outlet types



#### STANDARDS

**IEC 60950** - Information technology equipment – Safety

**IEC 60297-3** - Dimensions of mechanical structures of the 482.6 mm (19 in) series

**IEC 60320-2-2** - Interconnection couplers (C13 and C19) for household and similar equipment

**IEC 60884-1** - Plugs and socket outlets for household and similar purposes (France, Belgium and Germany)

**BS 1363-2** - British standard plugs and socket outlets

**IEC 60309** - Plugs, socket outlets and couplers for industrial purposes

**Certification: CE, TSE, CCC**

**Environmentally-friendly products**

Eco-friendly design



#### ZERO-U PDUs



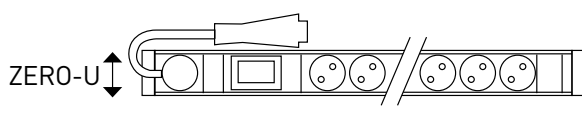
#### FOR DATA CENTERS/SERVER ROOMS

Used in server cabinets where:

- there is a high density of active equipment
- electrical distribution quality is crucial

#### 12 CATALOGUE NUMBERS

#### FOR VERTICAL INSTALLATION





## 19" 1-U PDUs



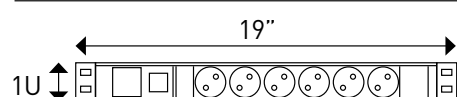
### FOR DATA CENTERS/SERVER ROOMS AND COMPUTER ROOMS

Used in server and cabling cabinets where:

- there is a low density of active equipment to be powered
- ease of installation is an advantage

26 CATALOGUE NUMBERS

FOR VERTICAL OR HORIZONTAL INSTALLATION



## 10" 1-U PDUs



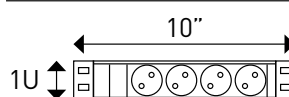
### FOR SMALL IT ENVIRONMENTS

Mainly used in small-scale commercial applications where there is a limited number of IT points and a 10" cabinet is sufficient:

- Small businesses, freelance professions, administrative services, etc.

3 CATALOGUE NUMBERS

HORIZONTAL PDU



# Cord Locking System

Innovation at the heart of PDUs

For C13 & C19  
sockets

A major addition to the range and exclusive to Legrand, C13 and C19 outlets have a power supply cord locking system which prevents accidental disconnection and guarantees absolute safety.



AN INNOVATIVE TECHNICAL SOLUTION



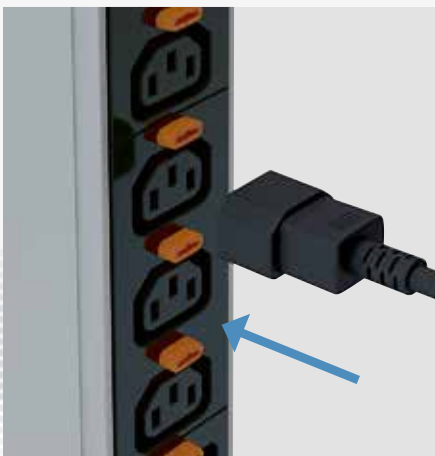
## CORD LOCKING SYSTEM

Very easy to identify thanks to the orange buttons next to each outlet



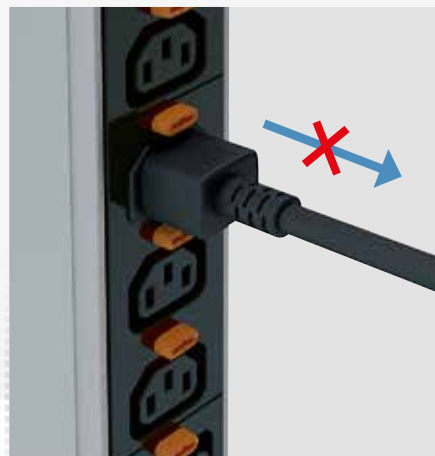


1 CONNECTION ✓



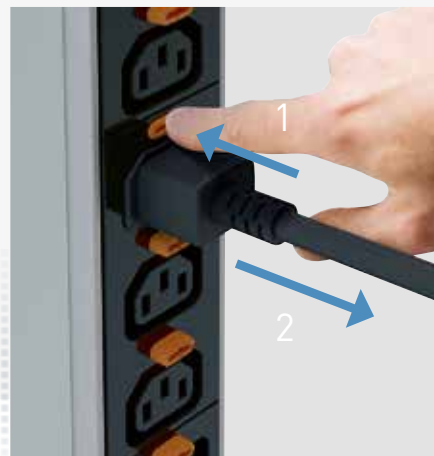
**CORD CONNECTION**  
The cord is connected to the outlet naturally in one smooth action

2 AUTO LOCKING ✓



**CORD HELD IN PLACE**  
Once the power supply cord is connected, it locks automatically and cannot be removed

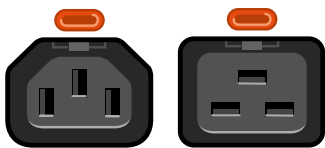
3 UNLOCKING ✓



**EASY REMOVAL**  
Simply pressing the unlock button releases the cord from the outlet

UNIVERSAL SYSTEM

Takes all cords for standard C13 and C19 outlets



GREATER  
RESPONSIVENESS  
FOR ALL YOUR  
BESPOKE  
SOLUTION



GET OFFER  
WITHIN  
48 HRS



7 DAY  
PRODUCTION  
TIME

FROM RECEIPT  
OF ORDER\*  
\*WHEN ORDERING UP  
TO 100 PRODUCTS

✓ EXCLUSIVE TO LEGRAND



# Intelligent vertical PDUs

Precise measurement of each device's consumption

## 4 LEVELS OF POWER MANAGEMENT

Outlet metering

Outlet metering & Outlet switching

Unit metering

Unit metering & Outlet switching

## UNIQUE TECHNICAL CHARACTERISTIC

- High precision measurement with maximum deviation +/- 1 %
- 55 kW capacity
- IEC connectors equipped with SecureLock™
- Colour LED display with 220 x 176 resolution
- Low-profile, flush-mount circuit breakers
- Sensors for environmental monitoring
- Entire PDU body in a specified colour





# Raritan®

A brand of **legrand**



Satisfied customers of Raritan



# EvoLine 19" free-standing network cabinets

## free-standing network cabinets



EVO42U6060



EVO42U6060DU



EVO42U6060FP



EVO42U8080



EVO42U8080EV

Accessories (organizers, shelves) supplied with screws and washers.

### EvoLine 19" free-standing network cabinets

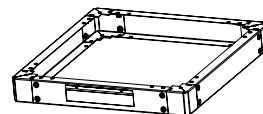
		<p>Baying network cabinets with mounted chassis. Front tempered glass doors equipped with a lock. Maximum 120° opening angle. 600 mm width cabinets - single front door. 800 mm width cabinets - double front doors. Other type doors available upon request. Removable side panels and back wall fitted with locks and 2 plastic latches. Earthing cables included. Sliding 19" vertical rails with double U marking. Top and bottom cable entries fitted with brushes. 42U height cabinets with additional breakout cable entry on the back side. Cut-out at the top for ventilation unit. Levelling feet included with cabinet. Real width of 800 mm cabinets is 780 mm. Standard colour: gray RAL 7035 Colour on request: black RAL 9005 IP 20 – IK 08 Max. load capacity: 1 000 kg</p>			
			Height without levelling feet	Height with levelling feet	Height with castor wheels
		<b>Height 22U</b>			
1	EVO22U6060	22U 600 x 600 mm	1 083	1 108	1 163
1	EVO22U6080	22U 600 x 800 mm	1 083	1 108	1 163
		<b>Height 26U</b>			
1	EVO26U6060	26U 600 x 600 mm	1 260	1 285	1 340
1	EVO26U6080	28U 600 x 800 mm	1 260	1 285	1 340
		<b>Height 32U</b>			
1	EVO32U6060	32U 600 x 600 mm	1 527	1 552	1 607
1	EVO32U6080	32U 600 x 800 mm	1 527	1 552	1 607
1	EVO32U8060	32U 800 x 600 mm	1 527	1 552	1 607
1	EVO32U8080	32U 800 x 800 mm	1 527	1 552	1 607
		<b>Height 42U</b>			
1	EVO42U6060	42U 600 x 600 mm	1 972	1 997	2 052
1	EVO42U6080	42U 600 x 800 mm	1 972	1 997	2 052
1	EVO42U6010	42U 600 x 1 000 mm	1 972	1 997	2 052
1	EVO42U8060	42U 800 x 600 mm	1 972	1 997	2 052
1	EVO42U8080	42U 800 x 800 mm	1 972	1 997	2 052
1	EVO42U8010	42U 800 x 1 000 mm	1 972	1 997	2 052
		<b>Height 44U</b>			
1	EVO44U6060	44U 600 x 600 mm	2 060	2 085	2 140
1	EVO44U8080	44U 800 x 800 mm	2 060	2 085	2 140
1	EVO44U8010	44U 800 x 1 000 mm	2 060	2 085	2 140
		<b>Height 47U</b>			
1	EVO47U6060	47U 600 x 600 mm	2 194	2 219	2 274
1	EVO47U8080	47U 800 x 800 mm	2 194	2 219	2 274
1	EVO47U8010	47U 800 x 1 000 mm	2 194	2 219	2 274

### Baying kit

1	EBAYK1	For joining 2 standard network cabinets together.
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### Plinths

Pack	Item No.	
		<p>Plinths consisting of 4 corners and 4 detachable sides.            Back side has a brush cable entry.            Height: 100 mm. Real width of 800 mm cabinets is 780 mm. Standard colour: gray RAL 7035            Colour on request: black RAL 9005            For cabinets width x depth (mm)</p>
1	EP6060	600 x 600
1	EP6080	600 x 800
1	EP6010	600 x 1 000
1	EP8060	800 x 600
1	EP8080	800 x 800
1	EP8010	800 x 1 000



### Castors

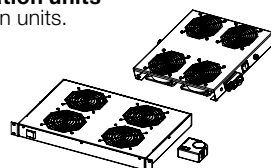
1	ECAS4	<p>Set of 4 mounting castors, 2 with brakes.            Castor load capacity: 250 kg            Unit load capacity: 1 000 kg</p>
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### Ventilation units

		<p>For freestanding racks.            Integrated thermostat. Fans activate when the temperature exceeds 35°C.            Noise: 47 dB.            2.7-meter connection table with 2P+E plug, 230 VA            Standard colour: gray RAL 7035            Colour on request: black RAL 9005</p>
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### Roof mounted ventilation units

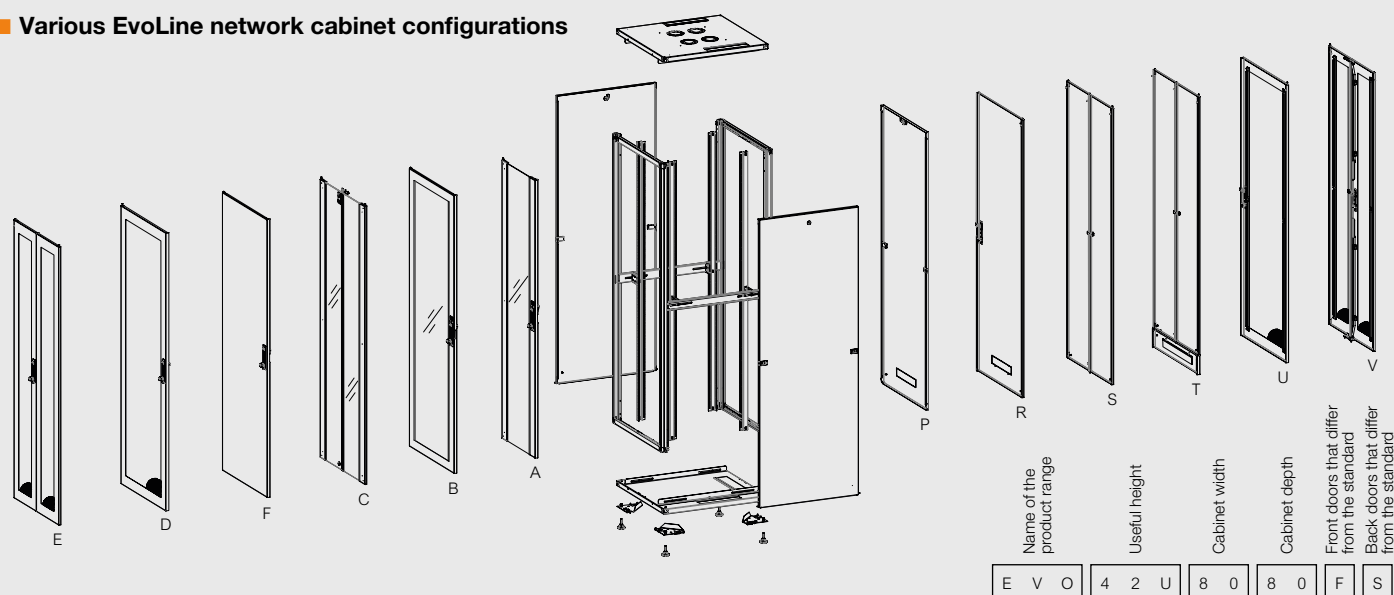
		<p>Roof mounted ventilation units.</p>
1	EC2V	2x ventilator 230 VA
1	EC4V	4x ventilator 230 VA
		<p><b>Ventilation units</b>            Mounting on 19" rails.            2x ventilator 230 VA 1U            4x ventilator 230 VA 1U</p>



# EvoLine 19" free-standing network cabinets

## door types and cabinet dimensions

### Various EvoLine network cabinet configurations

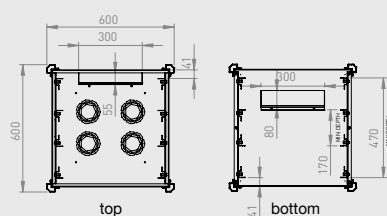


Door marking	Front door	600 mm wide cabinets	800 mm wide cabinets
A	Tempered glass door, partial metal frame	Standard	-
B	Tempered glass door, full metal frame	Optional	Optional
C	Double tempered glass doors, partial metal frame	-	Standard
D	63% perforated door with single-point locking	Optional	Optional
E	63% perforated double door with three-point locking	-	Optional
F	Full metal door	Optional	Optional
	Back door		
P	Full metal panel (no opening)	Standard	Standard
R	Full metal door (possible to open)	Optional	Optional
S	Double full metal door	-	Optional
T	Double full metal door, with separate cable entry	Optional	Optional
U	63% perforated door with single-point locking	Optional	Optional
V	63% perforated double door with three-point locking	-	Optional

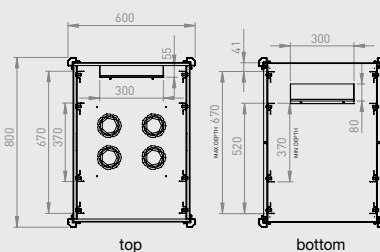
\* only 42U network cabinets have additional cable entry on the back panel

### Dimensions

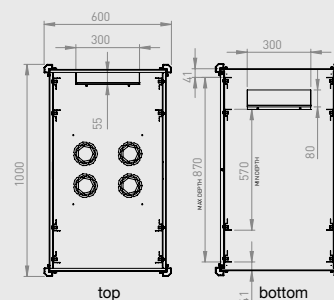
600 x 600 cabinets



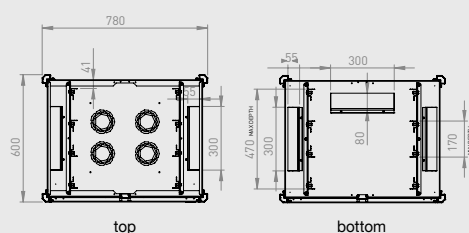
600 x 800 cabinets



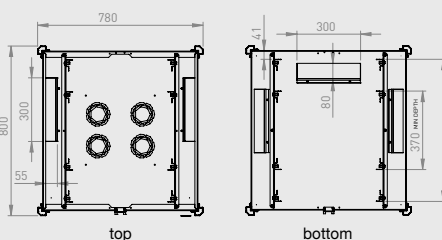
600 x 1 000 cabinets



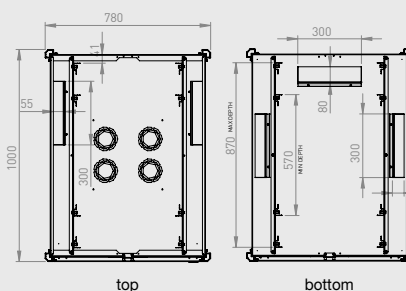
800 x 600 cabinets



800 x 800 cabinets



800 x 1 000 cabinets



# EvoLine 19" wall-mounting network cabinets

## wallmount racks and accessories



EVO9U6045

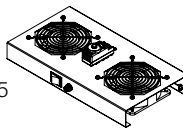
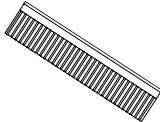
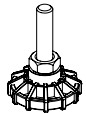
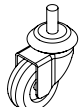
Accessories (organizers, shelves) supplied with screws and washers.

Pack	Item No.		EvoLine wall-mounting network cabinets		
			4 mm smoked shatterproof tempered glass door with a lock. 120° opening. Depth 450 mm and 600 mm. Pivoting base adds 160 mm in depth and creates a pivoting cabinet (only for 450 mm cabinets). Sliding 19" rails with U marking. Multiple cable entries: top, bottom and back. Possible to cover with a brush (item. no. EBRSH). Max. load: 65 kg (for wall mounted installation) Earthing kit included. Possible to install levelling feet (ref.num. ELEVL) or castors (ref.num. ECSTW) RAL 7035 light grey		
	Depth 450 mm	Depth 600 mm	Capacity	Height	Width
1	EVO7U6045	EVO7U6060	7U	405	600
1	EVO9U6045	EVO9U6060	9U	495	600
1	EVO12U6045	EVO12U6060	12U	626	600
1	EVO16U6045	EVO16U6060	16U	805	600
1	EVO20U6045	EVO20U6060	20U	982	600

Pack	Item No.	<b>Pivoting base</b>			
		Adding to 450mm cabinet creates a 610mm deep pivoting cabinet. For easy access to the back side of the cabinet. RAL 7035 light grey			
			Height	Width	Depth
1	EPB7U	Pivoting base for rack 7U	405	600	160
1	EPB9U	Pivoting base for rack 9U	495	600	160
1	EPB12U	Pivoting base for rack 12U	626	600	160
1	EPB16U	Pivoting base for rack 16U	805	600	160
1	EPB20U	Pivoting base for rack 20U	982	600	160

Pack	Item No.	<b>Back 19" rails</b>	
		Sliding 19" back rails with U marking. For installation of heavier equipment.	
1	EBR7U	Back 19" rails 7U	
1	EBR9U	Back 19" rails 9U	
1	EBR12U	Back 19" rails 12U	
1	EBR16U	Back 19" rails 16U	
1	EBR20U	Back 19" rails 20U	

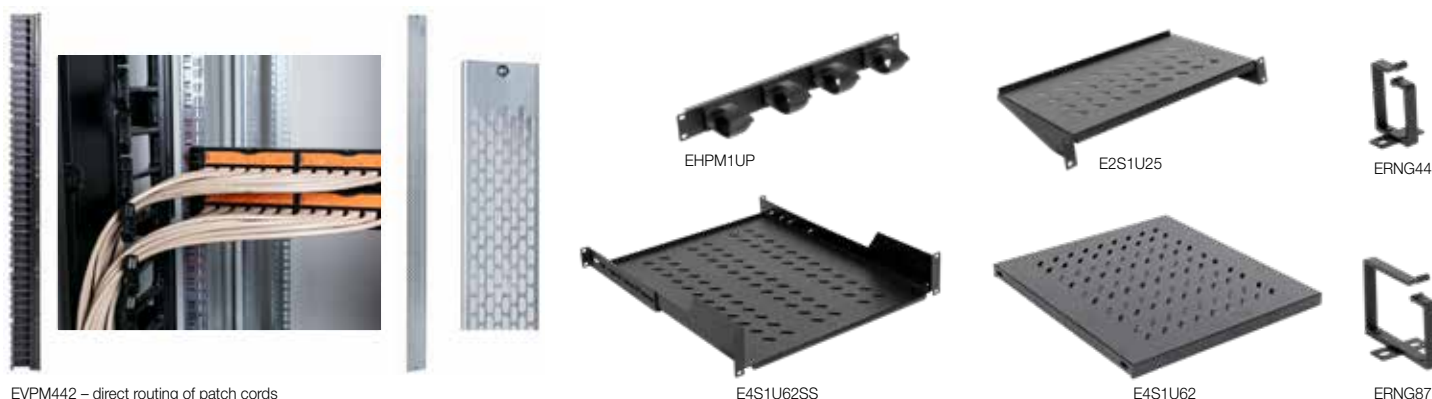


Pack	Item No.	<b>Accessories</b>	
		<b>Ventilation unit</b> For wall-mounting racks. Roof mounted. Integrated thermostat. Fans activate when the temperature exceeds 35°C. Noise: 47 dB. 2.7-meter connection table with 2P+E plug, 230 VA Standard colour: gray RAL 7035 2x ventilator 230 VA	
1	EC2VW		
		<b>Brush cable entry</b> To cover pre-cut cable entries. Size 298 x 69 mm. Brush cable entry 1pc	
1	EBRSH		
		<b>Levelling feet</b> To adjust cabinet level if placed directly on the floor. Levelling feet 4pcs	
1	ELEVL		
		<b>Castors</b> To comfortably move cabinet around. Set of 4 mounting castors, 2 with brakes. Castors 4pcs	
1	ECSTW		



# EvoLine rack accessories

## accessories



Accessories (organizers, shelves) supplied with screws and washers.

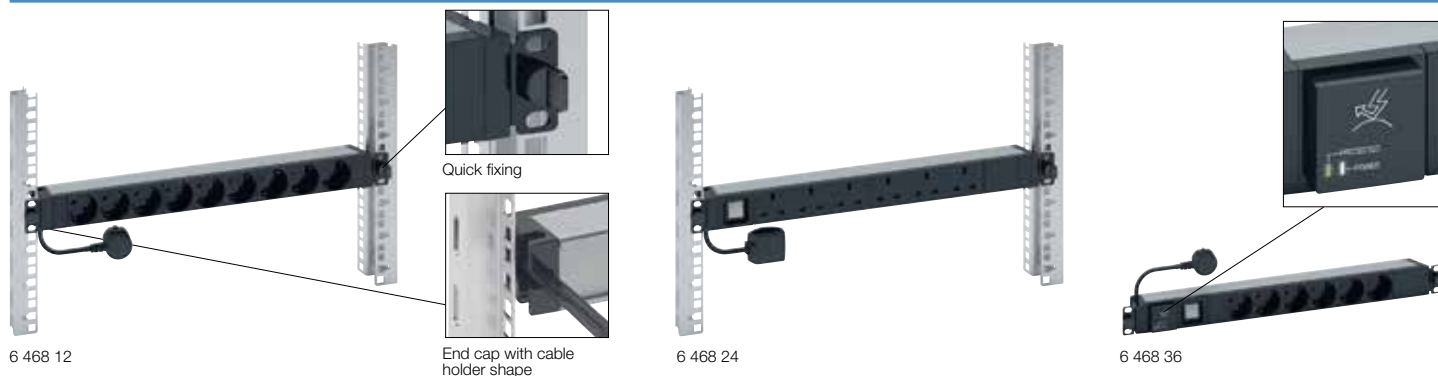
Pack	Item No.	Horizontal managers
1	EHPM1UP	1U organizer with plastic rings
1	EHPM1UM	1U organizer with metal rings
1	EHPM2UM	2U organizer with metal rings
Pack	Item No.	Vertical cable trays
1	EVCT22	For vertical routing of installation cables in network cabinets. Mounting on lateral profiles. Depth and width: 10 x 94 mm for 22U cabinets
1	EVCT26	for 26U cabinets
1	EVCT32	for 32U cabinets
1	EVCT42	for 42U cabinets
1	EVCT44	for 44U cabinets
1	EVCT47	for 47U cabinets
Pack	Item No.	Vertical HD channels for patch cords
1	EVP2M261	For vertical routing of high number of patch cords in 800 mm wide cabinets. Round plastic cable fingers for all U's. Patch cords hidden under metal cover after installation. Round openings allow to route patch cords between front and back of the cabinet. Installataion between the 19" vertical rails and cabinet sidewall. Black RAL 9005
1	EVP3M321	2-piece set for 26U cabinets
1	EVP4M421	2-piece set for 32U cabinets
1	EVP4M441	2-piece set for 42U cabinets
1	EVP4M471	2-piece set for 44U cabinets
1	EVP4M471	2-piece set for 47U cabinets
Pack	Item No.	Single-sided vertical channels
1	EVP2M261	For routing patch cords in a single cabinet. Depth and width: 168 x 77 mm
1	EVP3M321	2-piece set for 26U cabinets
1	EVP4M421	2-piece set for 32U cabinets
1	EVP4M441	2-piece set for 42U cabinets
1	EVP4M471	2-piece set for 44U cabinets
1	EVP4M471	2-piece set for 47U cabinets
Pack	Item No.	Two-sided vertical channels
1	EVP2M262	For routing patch cords in a single cabinet or between neighbouring cabinets. Depth and width: 172 x 73 mm
1	EVP3M322	2-piece set for 26U cabinets
1	EVP4M422	2-piece set for 32U cabinets
1	EVP4M442	2-piece set for 42U cabinets
1	EVP4M472	2-piece set for 44U cabinets
1	EVP4M472	2-piece set for 47U cabinets
Pack	Item No.	Cable rings for patch cords
1	ERNG44	For vertical routing of small number of patch cords in 600 mm wide cabinets. 44 x 60 mm, set with 5 pieces
1	ERNG87	87 x 60 mm, set with 5 pieces
Pack	Item No.	Vertical PDU brackets
1	EPDUH	For vertical PDU installation in 800 mm wide cabinets. PDU brackets, set of 2 pieces

Pack	Item No.	Fixed shelves
1	E2S1U25	Perforated for more effective heat removal. Includes set of screws and nuts. Load capacity 50 kg. Black RAL 9005.
1	E2S1U40	2-point mounting
1	E2S2U55	For wall-mounting and freestanding racks. Depth: 250 mm, height: 1U. Depth: 400 mm, height: 1U. Depth: 550 mm, height: 2U
Pack	Item No.	4-point mounting fixed
1	E4S1U42	For freestanding racks only. Depth: 425 mm, height: 1U
1	E4S1U62	For 600 mm wide cabinets. Depth: 625 mm, height: 1U
1	E4S1U82	For 800 mm wide cabinets. Depth: 825 mm, height: 1U
1	E4S1U45A	For 1 000 mm wide cabinets. 4-point mounting variable
1	E4S2U55A	For freestanding racks only. Sliding back shelf supports. Min. depth: 450 mm, Max. depth: 575, height: 1U. For 600 mm deep cabinets
1	E4S2U65A	Min. depth: 550 mm, Max. depth: 675, height: 2U. For 800 mm deep cabinets
1	E4S2U65A	Min. depth: 650 mm, Max. depth: 775, height: 2U. For 1 000 mm deep cabinets
Pack	Item No.	Sliding shelves
1	E4S1U42SS	For freestanding racks only. Perforated for more effective heat removal. Includes set of screws and nuts. Load capacity: 65 kg. Black RAL 9005.
1	E4S1U62SS	Depth: 425 mm, height: 1U
1	E4S1U82SS	For 600 mm deep cabinets. Depth: 525 mm, height: 1U
1	E4S1U82SS	For 800 mm deep cabinets. Depth: 825 mm, height: 1U
1	E4S1U82SS	For 1 000 mm deep cabinets
Pack	Item No.	Blanking plates
1	EBPN1	For improving air flow in the cabinet
1	EBPN2	Metal
1	EBPN3	Height: 1U
1	EBPN4	Height: 2U
1	EBPN5	Height: 3U
1	EBPN6	Height: 4U
1	EBPN6	Height: 5U
1	EBPN6	Height: 6U

Pack	Item No.	Lighting
1	ELF1UM	For more comfortable work inside the cabinet.
1	ELF1UA	Fluorescent lights
1	ELF1UA	19" lighting, height: 1U. 230 V power.
1	ELF1UA	Switch-operated lighting unit
1	ELF1UA	Light switches on automatically when the door is opened
1	ELF300M	LED lights
1	ELF300M	Thin magnetic LED unit. Dimensions: 300 x 25 x 13.5 mm (W x H x D). Adapter included.
1	ELF300M	LED unit

## Energy Distribution

### 1U Power Distribution Units (PDU)



To provide ~ electric power for IT equipments in enclosures. 230 V - 50/60 Hz power supply. 1U aluminium profile. End cap with metallic brackets and cable holder shape. Quick fixing (no screws) on 19" fixing centres. Can also be installed vertically by reverting the brackets (no screws).

2P+E outlets:

- C13 and C19 standard outlets are equipped with cord locking system to avoid any accidental disconnection. Universal solution compatible with all the cords (C14 plugs for C13 and C20 plugs for C19).

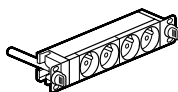
- French, German and British standard outlets are equipped with shutters

- French and German standard outlets are inclined at 55°

Black modules (outlets and functions)

Pack	Cat.Nos	19" - PDU standard
		<b>3 680 W</b>
		<b>German standard</b>
1	6 468 06	3 m power supply cord with 16 A 2P+E French/German plug
1	6 468 12	6 outlets
		9 outlets
		<b>French standard</b>
1	6 468 05	3 m power supply cord with 16 A 2P+E French/German plug
1	6 468 10	6 outlets
1	6 468 11	9 outlets
		9 tamperproof red outlets
		<b>IEC 60320 standard</b>
		Connection on terminal block (except Cat.No 6 468 15)
1	6 468 14	10 C13 outlets with cord locking system
1	6 468 15	12 C13 outlets with cord locking system
		3 m power supply cord with 16 A IEC 60309 2P+E
1	6 468 09	6 C13 outlets + 2 C19 outlets with cord locking system
1	6 468 07	6 C19 outlets with cord locking system

Pack	Cat.Nos	10" - PDU standard
		1 m power supply cord 2P+E French/German plug
		<b>3 680 W</b>
		<b>4 x 2P+E outlets</b>
1	6 468 01	German standard
1	6 468 00	French standard



Pack	Cat.Nos	19" - PDU with power indicator or luminous switch
		LED indicator gives information whether the PDU is supplied with power or not
		LED indicator switch powers on/off the total PDU
		<b>3 680 W</b>
		<b>German standard</b>
1	6 468 21	3 m power supply cord with 16 A 2P+E French/German plug
1	6 468 23	9 outlets and 1 power indicator
		8 outlets and 1 luminous switch
		<b>French standard</b>
1	6 468 20	3 m power supply cord with 16 A 2P+E French/German plug
1	6 468 22	9 outlets and 1 power indicator
		8 outlets and 1 luminous switch

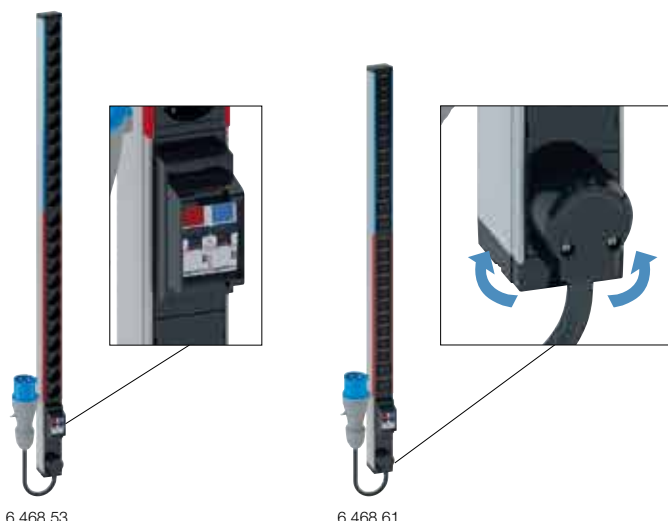
Pack	Cat.Nos	19" - PDU with protection devices
		MCB and RCBO support with projecting edges to avoid accidental breakdown
		3 m power supply cord with 16 A 2P+E French/German plug
		<b>3 680 W</b>
		<b>German standard</b>
1	6 468 31	6 outlets and a 16 A single pole Micro Circuit Breaker
		<b>French standard</b>
1	6 468 30	6 outlets and a 16 A single pole Micro Circuit Breaker
1	6 468 33	6 outlets and a 16 A 30 mA Residual-current Circuit Breaker with Overcurrent protection

Pack	Cat.Nos	19" - PDU with surge protection
		Protect against mains overvoltages while keeping outlets energised
		With light indicators:
		- one LED (white) gives information whether the PDU is supplied with power or not
		- one LED (green) indicates when surge protection module is efficient or must be replaced
		Hotswappable surge protection module
		Cat.No 6 468 97 (replacement keeping the PDU and its outlets powered on)
		With switch
		3 m power supply cord with 16 A 2P+E French/German plug
		<b>3 680 W</b>
1	6 468 36	6 outlets - German standard
1	6 468 35	6 outlets - French standard

Pack	Cat.Nos	19" - PDU with ammeter
		Measure consumption to provide better installation management:
		balancing circuits, displaying available capacity, preventing overloads and power failures
		Measure total PDU current
		Rotating display to ensure a perfect reading whatever the PDU mounting direction is (horizontal, vertical with top or bottom power supply input)
		<b>3 680 W</b>
		<b>German standard</b>
1	6 468 41	3 m power supply cord with 16 A 2P+E French/German plug
		6 outlets
		<b>French standard</b>
1	6 468 40	3 m power supply cord with 2P+E French/German plug
		6 outlets
		<b>IEC 60320 standard</b>
		With integrated universal plug locking system
		Connection on terminal block
1	6 468 43	6 C13 outlets with cord locking system
1	6 468 45	6 C13 outlets + 1 C19 outlet with cord locking system
1	6 468 44	6 C19 outlets with cord locking system

## Energy Distribution

### single phase Zero-U Power Distribution Units (PDU)



#### Technical characteristics p. 21-23

To provide ~ electric power for IT equipments in 19" enclosures  
Single phase 230 V - 50/60 Hz power supply  
Zero-U PDU for vertical mounting in the cabinet (see p. 18-19 for dimensions)  
PDU with 2 circuits protected by 16 A uni+neutral MCB in a support with projecting edges to avoid accidental breakdown  
Each circuit is identified by color coding  
The total number of outlets is distributed equally between the 2 circuits  
330° rotating cable input for a perfect orientation of the cable and no interference in the cabinet  
2P+E outlets:  
- C13 and C19 standard outlets are equipped with cord locking system to avoid any accidental disconnection. Universal solution compatible with all the cords (C14 plugs for C13 and C20 plugs for C19)  
- French, German and British standard outlets are equipped with shutters  
- French and German standard outlets are inclined at 55°  
Delivered with 2 sets of metallic mounting brackets (see details p. 18-19):  
- Button brackets. For quick fixing and variable pitch  
- Standard brackets. For screw fixing  
Black modules (outlets and functions). Aluminium profile

Pack	Cat.Nos	Standard
1	6 468 52	<b>7,4 kW (2x 3 680 W)</b> <b>German standard</b> 24 outlets Connection on terminal block up to 6 mm <sup>2</sup>
1	6 468 53	24 outlets 3 m power supply cord with IEC 60309 32 A 2P+E plug
1	6 468 50	<b>French standard</b> 24 outlets Connection on terminal block up to 6 mm <sup>2</sup>
1	6 468 51	24 outlets 3 m power supply cord with IEC 60309 32 A 2P+E plug
1	6 468 57	<b>IEC 60320 standard</b> 24 C13 outlets with cord locking system Connection on terminal block up to 6 mm <sup>2</sup>
1	6 468 57	24 C13 outlets with cord locking system 3 m power supply cord with IEC 60309 32 A 2P+E plug
1	6 468 60	20 C13 outlets + 4 C19 outlets with cord locking system. Connection on terminal block up to 6 mm <sup>2</sup>
1	6 468 61	20 C13 outlets + 4 C19 outlets with cord locking system. 3 m power supply cord with IEC 60309 32 A 2P+E plug
1	6 468 65	<b>With ammeter</b> Measure consumption to provide better installation management: balancing circuits, displaying available capacity, preventing overloads and power failures 1 ammeter per circuit Rotating display to ensure a perfect reading whatever the PDU mounting direction is (horizontal, vertical with top or bottom power supply input) <b>7,4 kW (2x 3 680 W)</b> <b>IEC 60320 standard</b> 20 C13 outlets + 4 C19 outlets with cord locking system. Connection on terminal block up to 6 mm <sup>2</sup>

## Energy Distribution

### three phase Zero-U Power Distribution Units (PDU)



#### Technical characteristics p. 21-23

To provide ~ electric power for IT equipments in 19" enclosures  
Three phase 380 V - 50/60 Hz power supply  
Zero-U PDU for vertical mounting in the cabinet (see p. 18-19 for dimensions)  
Each circuit is protected by 16 A single pole MCB in a support with projecting edges to avoid accidental breakdown  
1 circuit per phase, each with 6 IEC 60320 C13 outlets and 2 IEC 60320 C19 outlets  
330° rotating cable input for a perfect orientation of the cable and no interference in the cabinet  
C13 and C19 standard outlets are equipped with cord locking system to avoid any accidental disconnection. Universal solution compatible with all the cords (C14 plugs for C13 and C20 plugs for C19)  
Delivered with 2 sets of metallic mounting brackets:  
- Button brackets. For quick fixing and variable pitch  
- Standard brackets. For screw fixing  
Black modules (outlets and functions)  
Aluminium profile

Pack	Cat.Nos	Standard
1	6 468 70	<b>IEC 60320 standard</b> 18 C13 outlets + 6 C19 outlets with cord locking system. 3 m power supply cord with IEC 60309 16 A 3P+N+E plug <b>11 kW (3x 3 680 W)</b>
1	6 468 75	<b>With ammeter</b> Measure consumption to provide better installation management: balancing circuits, displaying available capacity, preventing overloads and power failures 1 ammeter per circuit Rotating display to ensure a perfect reading whatever the PDU mounting direction is (horizontal, vertical with top or bottom power supply input) <b>IEC 60320 standard</b> 18 C13 outlets + 6 C19 outlets with cord locking system. 3 m power supply cord with IEC 60309 16 A 3P+N+E plug <b>11 kW (3x 3 680 W)</b>

#### Cord locking system p. 10



6 468 90

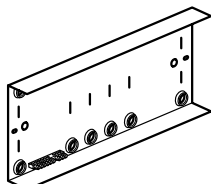
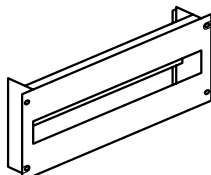
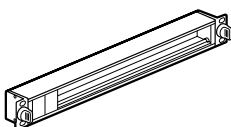


0 465 46 + 0 465 47



## Technical characteristics p. 21-23

Pack	Cat.Nos	PDU to be equipped
1	6 468 99	For self assembly with Mosaic wiring device modules Quick fixing (no screws) on 19" uprights Aluminium profile PDU 19"
1	6 468 98	Capacity: 16 Mosaic modules PDU 10" Capacity: 8 Mosaic modules
<b>PDU accessories</b>		
		<b>Locking caps</b> To block the use of an outlet. A key is necessary to remove the cap and free the access Light grey
1	6 468 90	Set of 6 locking caps for French and German standard outlet + 1 key
1	6 468 92	Set of 6 locking caps for British standard outlet + 1 key
1	6 468 94	Set of 6 locking caps for C13 standard outlet + 1 key
1	6 468 95	Set of 6 locking caps for C19 standard outlet + 1 key
		<b>Surge protection module</b> To replace used module on PDU With light indicators: - one LED (white) gives information whether the PDU is supplied with power or not - one LED (green) indicates when surge protection module is efficient or must be replaced Hotswappable: replacement keeping the PDU and its outlets powered on
1	6 468 97	Surge protection replacement module
<b>Multi-applications DIN rail</b>		
		For mounting modular devices (circuit breakers, Legrand multimedia network components, etc) Capacity: 24 modules Height 4 U Screw fixing on 19" uprights <sup>(1)</sup> DIN profile rail with front panel Supplied with blanking plates 24 modules Black RAL 9005
1	0 465 46	
1	0 465 47	Rear cover To be used for high current applications (greater than 50 V) Used with Cat.No 0 465 46 Ensures IP XXB Supplied with terminal block (8 + 1 connections)



## CHOICE OF FUNCTIONS

### 16/32 A power supply - for single phase or three phase PDU

#### Wide choice of outlets standards

- German
- British
- French
- C13
- C19

#### Termination:

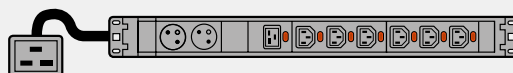
- on terminal block
- on fast or C20 connector
- with power supply cord (lengths, sheath types and plug types to be selected)

#### Additional functions:

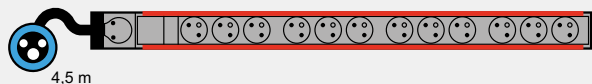
- MCB, RCBO, fuse, surge protector
- switch
- power indicator
- ammeter
- identification of sources or circuits by color coding



## EXAMPLES OF CUSTOMIZED SOLUTIONS



19" 1U PDU with 2 French standard 2P+E outlets, 1 C19 outlet and 6 C13 outlets. Powered with a 3 m power supply cord and a C20 plug



Zero-U PDU with 12 French standard 2P+E outlets. Red color coding for identification of PDU. Powered through rotating cable input via 4.5 m cord and a 16 A IEC 60309 plug

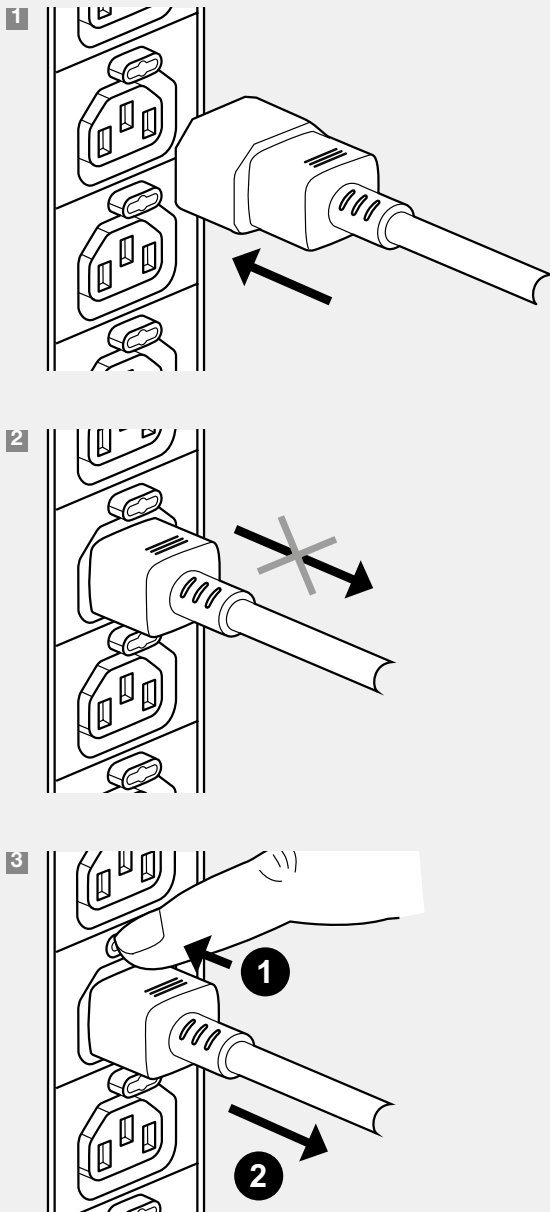
Request a quotation from our technical team



## Energy distribution

### cord locking system

#### ■ Cord locking system

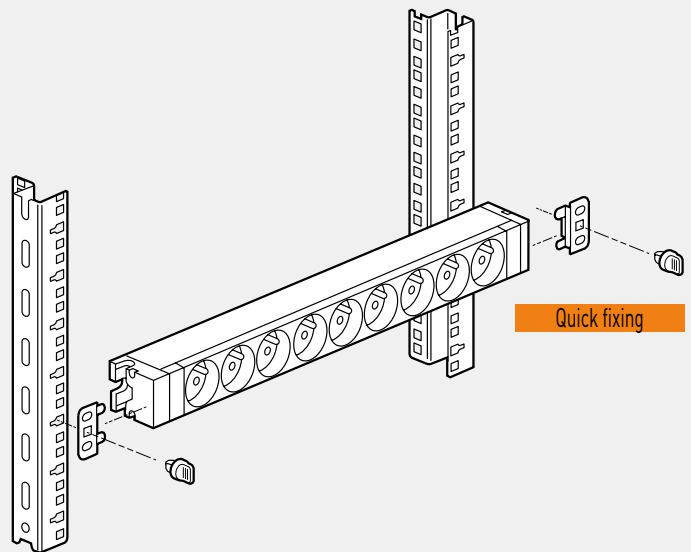


## Energy distribution

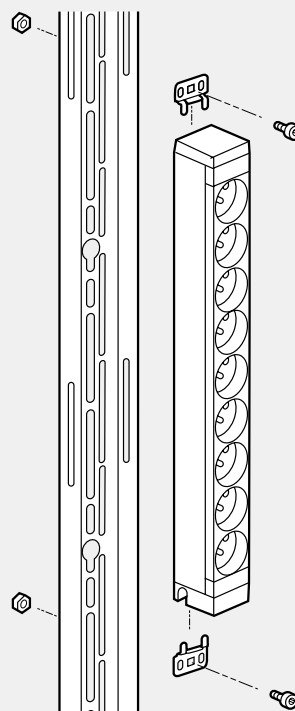
### 19" 1U PDU mounting

#### ■ Horizontal mounting 19" cabinets

Can be mounted in all 19" cabinets



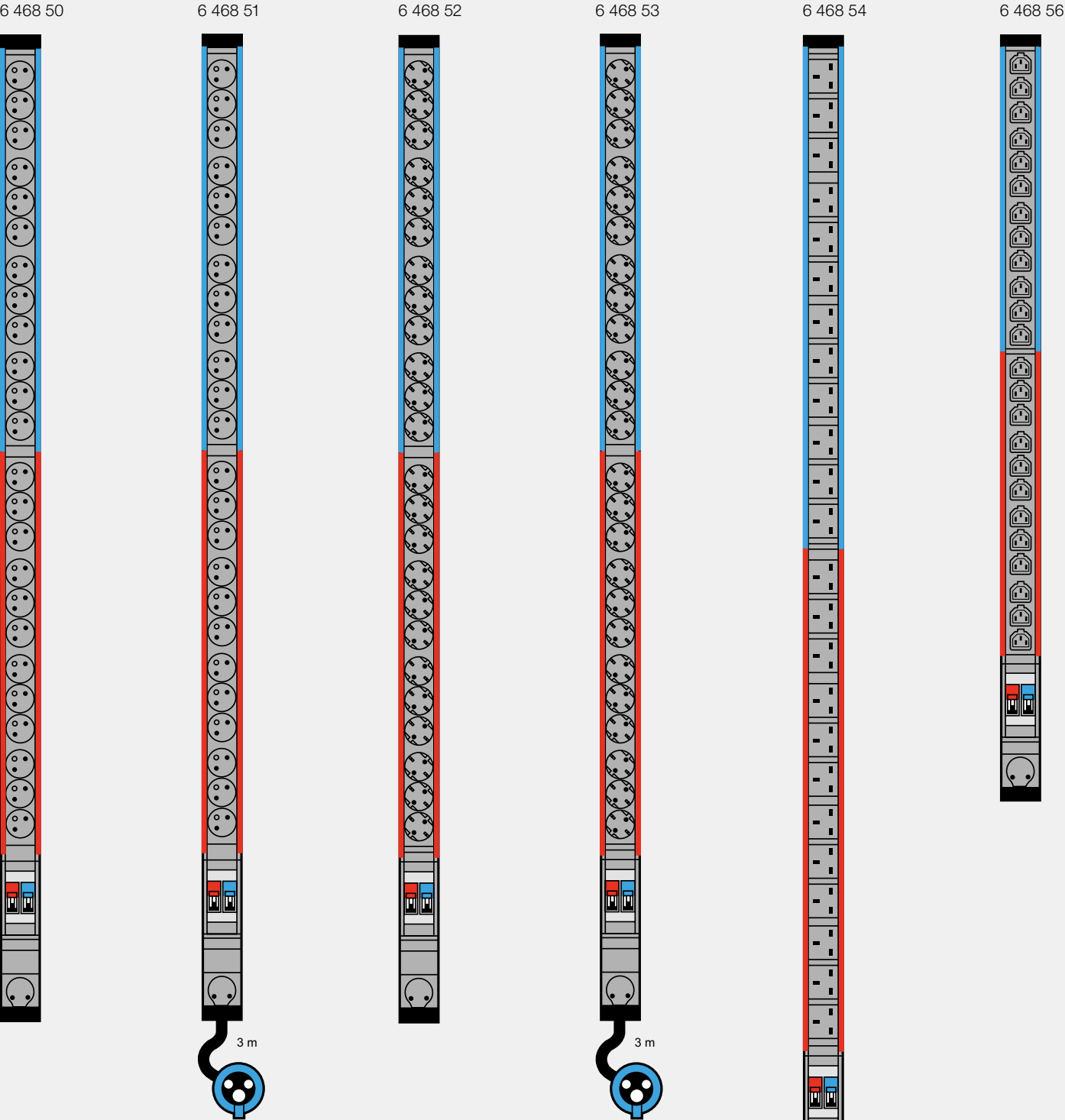
#### ■ Vertical mounting in freestanding cabinets



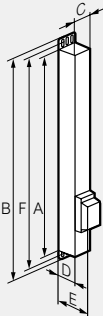
Energy distribution

zero-U PDU

Zero-U PDU configurations (p. 19)



Zero-U PDU sizes (mm)



Cat.Nos	Height		Width	Depth			Fixing centres (mini-maxi)
	A	B <sup>(1)</sup>		D	E <sup>(2)</sup>		
6 468 50	1250	1294	52	52.5	87		1262-1292
6 468 51	1250	1294	52	52.5	87		1262-1292
6 468 52	1250	1294	52	52.5	87		1262-1292
6 468 53	1250	1294	52	52.5	87		1262-1292
6 468 54	1466	1510	52	52.5	87		1478-1508
6 468 56	1034	1078	52	52.5	87		1046-1076

1 : Overall height with standard brackets (screw fixing)  
2 : Overall depth at the circuit breaker slot

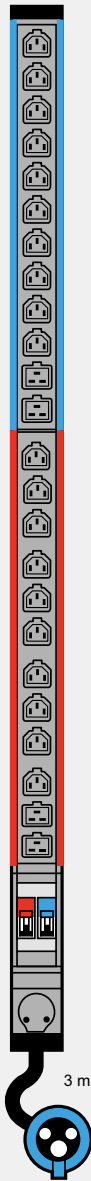
6 468 57



6 468 60



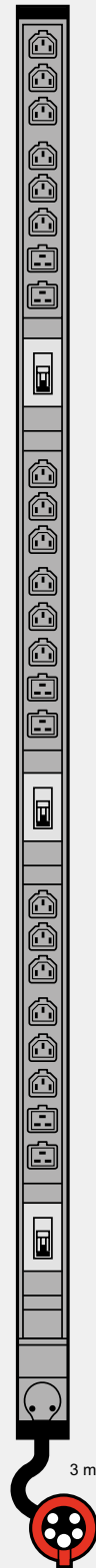
6 468 61



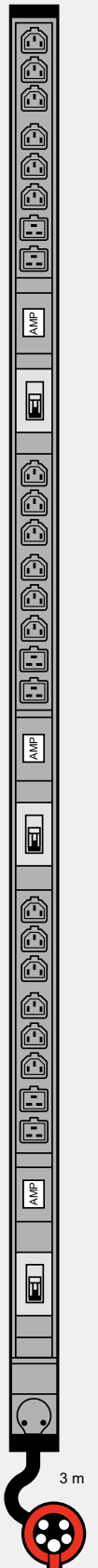
6 468 65



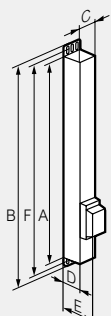
6 468 70



6 468 75



# Zero-U PDU sizes (mm)



Cat.Nos	Height		Width	Depth		Fixing centres (mini-maxi)
	A	B <sup>(1)</sup>		C	D	
6 468 57	1034	1078	52	52.5	87	1046-1076
6 468 60	1070	1114	52	52.5	87	1082-1112
6 468 61	1070	1114	52	52.5	87	1082-1112
6 468 65	1160	1204	52	52.5	87	1172-1202
6 468 70	1340	1384	52	52.5	87	1352-1382
6 468 75	1475	1519	52	52.5	87	1487-1517

1 : Overall height with standard brackets (screw fixing)  
2 : Overall depth at the circuit breaker slot

# CloudMax

For effective cooling  
of active devices

## server cabinets



Contact Legrand for further information



# Outside high protection cabinets GuardLine

Protection  
up to IP65



- Robust anti-vandal body
- Standard 7 - 24U dimensions, depth: 450 and 600 mm
- Single or double skin
- 2-point or 3-point locking
- Surface treated with RAL 7035 power coating
- Floor type, wall type, pole type installation
- Various thermal management options



With a plinth



Wall mounted



Pole mounted

# Minkels

## racks and corridors

Premium  
datacenter  
solutions

### COLD CORRIDORS



Basic approach for more efficient cooling of active equipment is to separate the flow of cold and warm air.

There are three basic methods Legrand can offer:

- Closed cold corridor
- Closed hot corridor
- Alternative concepts (exhaust chimney, hybrid aisles and others).

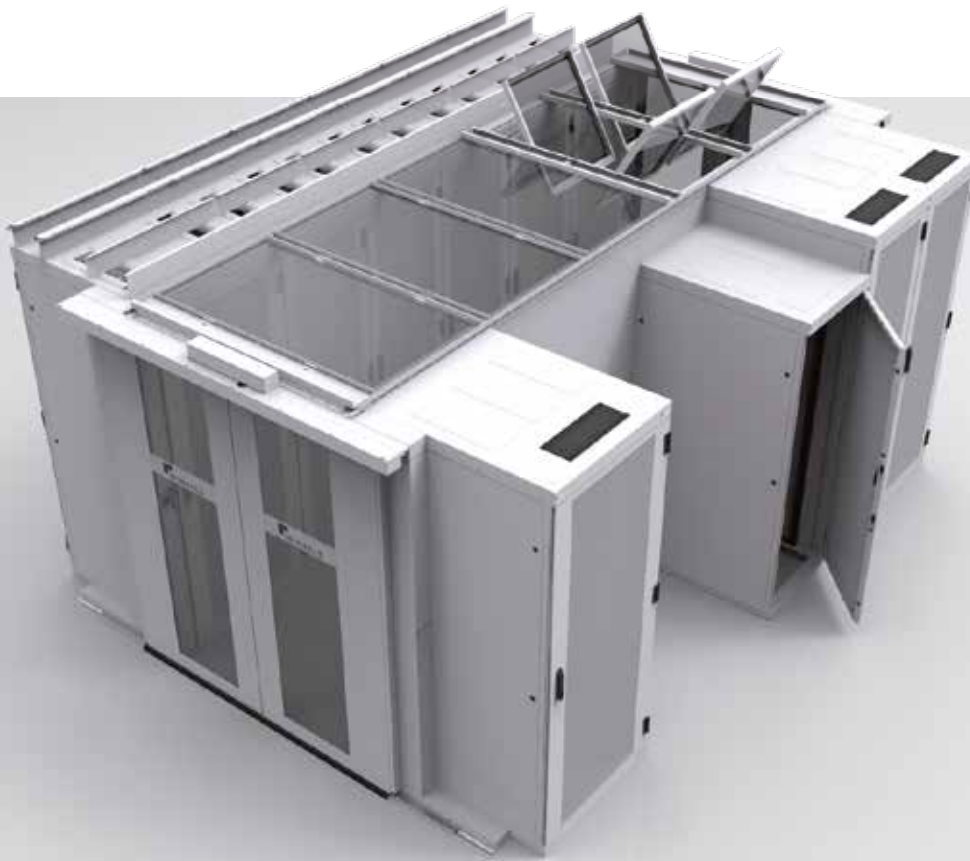
### MIKRO DC



A server room integrated in a single network cabinet is the ideal solution for small and medium-sized businesses. These technologies can be integrated into one or more 19" cabinets:

- Data cabinet (pasive and active devices)
- Electrical panel
- Cooling
- UPS backup source

The standard configuration can be adjusted to customer needs. Redundancy among individual technologies can be increased. Also, other technologies can be added, for example enviromental monitoring inside of the cabinet. A separate technical room would not longer be needed. This elegant solution can be put in place anywhere in the office.



## MONITORING SYSTEMS



Companies are becoming more dependent on information systems. High availability is a fundamental requirement of any ICT infrastructure. The system should be 100% available, 24 hours a day.

Unfortunately, such a level can never be achieved. At first glance, 99% availability sounds impressive, but in reality it means that your system is not working an average 15 minutes a day. That comes out to four entire days a year. Such downtime can paralyse your business to a large degree. A VariControl-S monitoring system can reduce any undesirable fluctuations.

## IN-ROW COOLING UNITS



In-row cooling units with R410A coolant.

Easy to install and very energy efficient. This solution is suitable for small server rooms. Offers an interesting alternative to water cooled systems which may not always be suitable for smaller installations (up to about 65 m<sup>3</sup>).



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