

# ABACUS EVO



*eta*

Since 1978,  
E.T.A. SPA designs and produces high quality enclosures for Industrial  
Automation, Harsh environments, Energy distribution and Information  
Technology business.



## ABACUS EVO

the versatile cabinet;

ABACUS EVO cabinets' range was born from the need to create a high-performance product suitable to different applications. For both data networking and commercial building's applications. The range includes 19" cabinets with multiple configurations for each dimensions, in the mounted version, to ensure greater easy to use and flexibility.



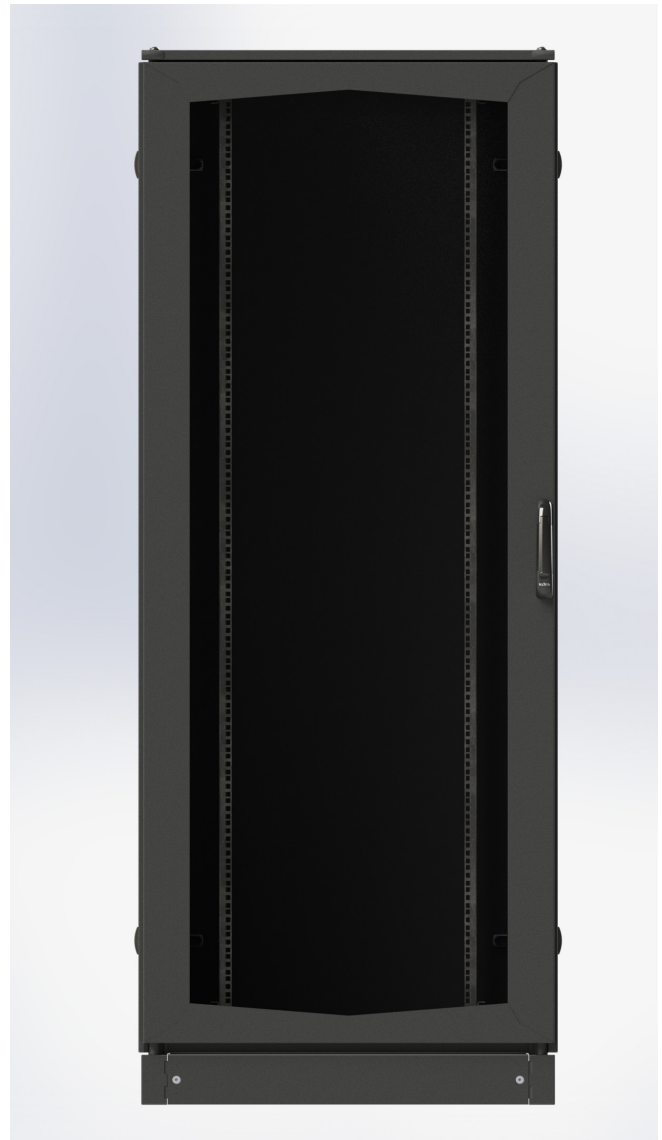
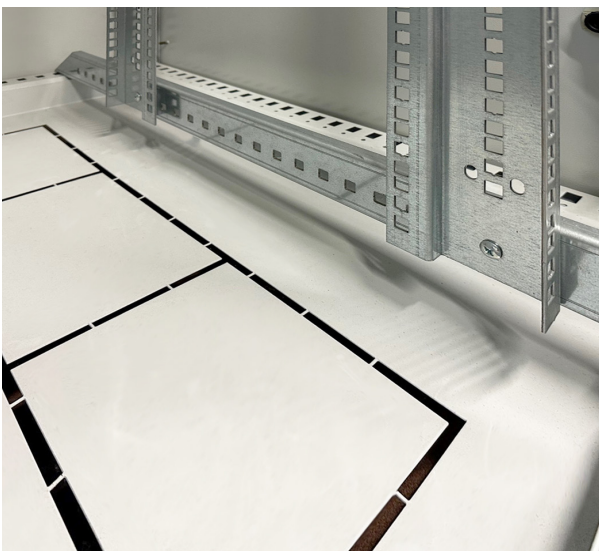






## DETAILS

Door with tempered glass characterized by an innovative design, greater reinforcement and structural rigidity. The glass door is designed with the “OPEN VIEW” system that highlight the internal equipment and make the wiring system more usable.

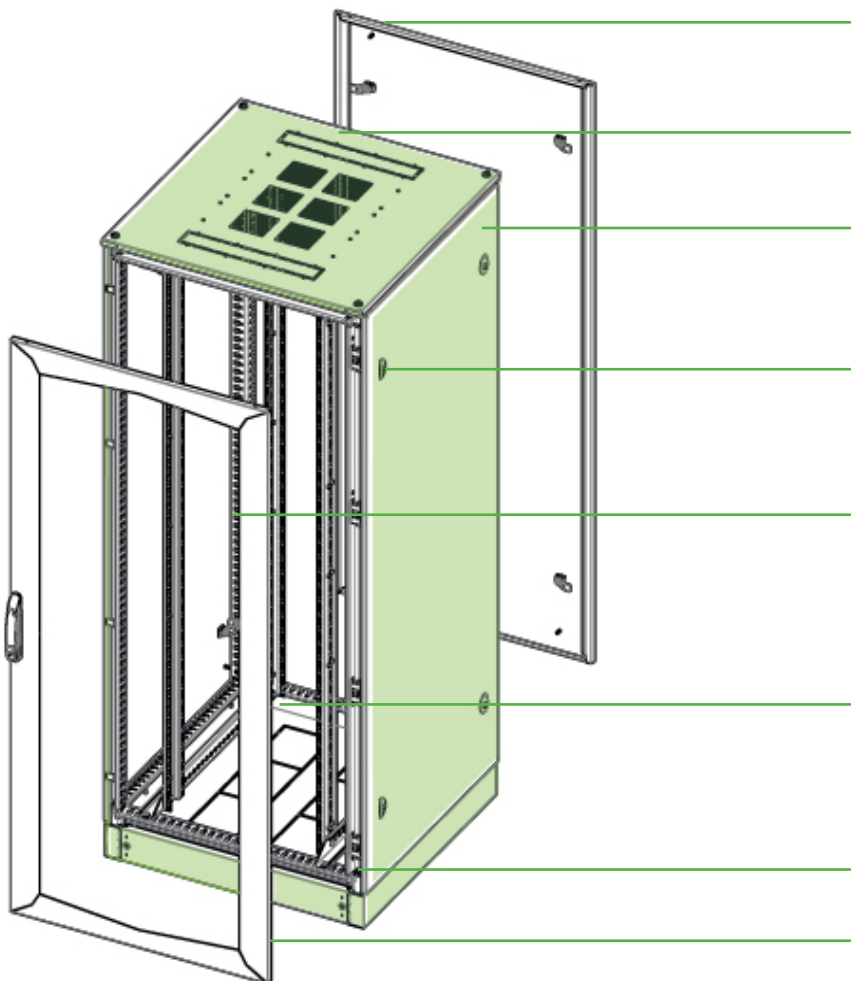


# Cabinet's technical features

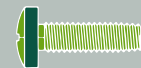
The profile that characterizes the uprights and crosspieces of the roof/ bottom is unique, manufactured from high- strength low alloy sheet steel (HSLA), closed with continuous fiber laser welding and free from sharp edges.

The corners of the structure are made with special steel orthogonal joints laser welded on bottom and roof uprights and crosspieces.

The union of the entire structure is obtained by 8 high-resistance screws. The static load of the structure is 1000 kg: this feature makes ABACUS EVO the most performing product in terms of capacity. The rack uses the new "OPEN VIEW" concept, which enhances the maximum internal visibility of the rack for full prominence of the internal equipment and cabling system.



Assembled with



8 screws only

**CONFIGURABLE  
REAR DOOR**

**REMOVABLE ROOF  
WITH VENTILATION  
LOUVERS**

**UNIQUE  
STRUCTURE**

**REMOVABLE SIDE  
PANELS WITH ¼  
TURN LOCKING  
SYSTEM**

**"OPEN VIEW"  
RACK**

**PRE-CUT BOTTOM  
FOR CABLE ENTRY**

**WELDED STEEL  
ORTHOGONAL  
JOINTS TO LASER  
UP UPRIGHTS AND  
CROSSPIECES**

**CONFIGURABLE  
DOOR**

# Dimensional Range

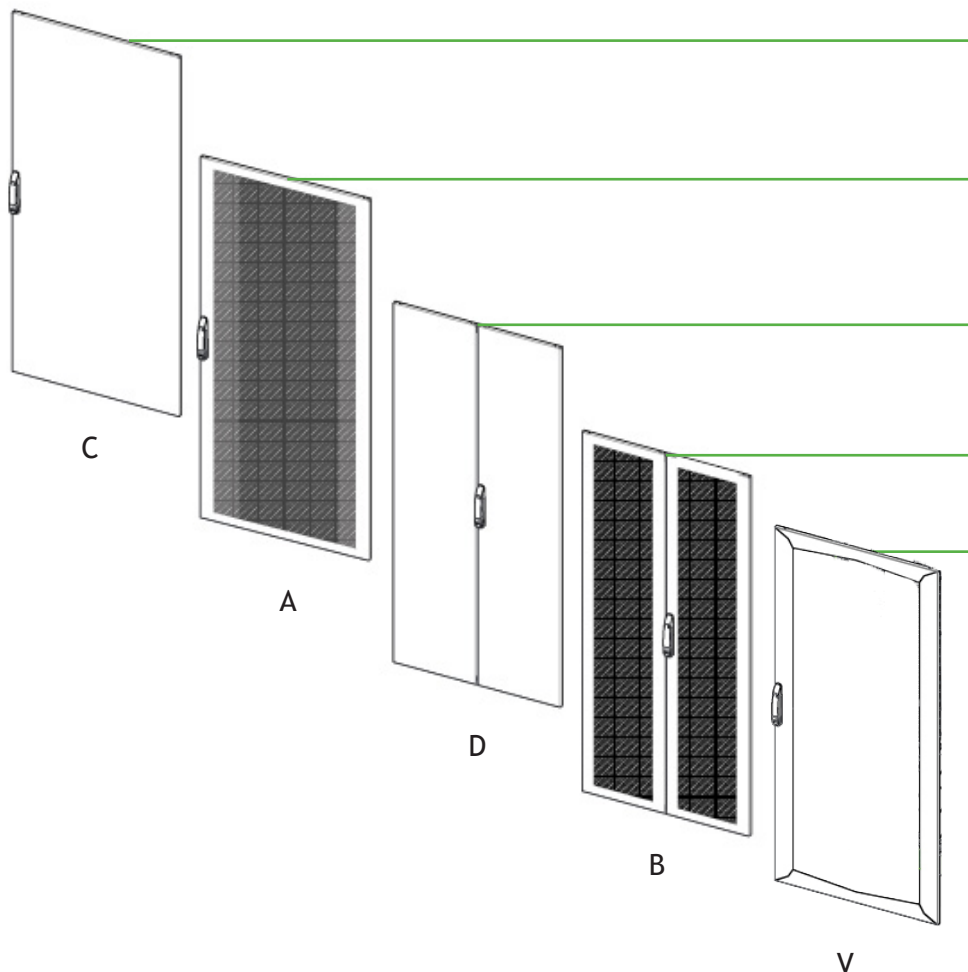
ABACUS EVO range is particularly versatile and able to adapt to any need and application.  
A product infinite ∞ configurations.

example:

**E84208VRN**

	WIDTH	HE - HEIGHT	DEPTH	COLOUR
<b>E</b> = Abacus Evo	600/800	24 - 1200	600/800/1000/1200	N/G
<b>8</b> = Width	600/800	29 - 1400	600/800/1000	N/G
<b>42</b> = He - Height	600/800	33 - 1600	600/800/1000	N/G
<b>08</b> = Depth	600/800	38 - 1800	600/800/1000	N/G
<b>V</b> = Glass Door	600/800	42 - 2000	600/800/1000/1200	N/G
<b>R</b> = Rear panel	600/800	47 - 2200	600/800/1000/1200	N/G
<b>N</b> = Color Ral 9011	600/800	47 - 2200	600/800/1000/1200	N/G

All given measurement are expressed in millimeters



**SINGLE  
BLANK DOOR**

**SINGLE  
VENTILATED  
DOOR**

**DOUBLE  
BLANK DOOR**

**DOUBLE  
VENTILATED  
DOOR**

**GLASS  
DOOR**



# Composition

FRONT PART OF THE CABINET CONFIGURABLE AS FOLLOWS:

- Single door with tempered glass
- Single blank door
- Single ventilated door
- Double blank door
- Double ventilated door

REAR PART OF CABINET CONFIGURABLE AS FOLLOWS:

- Blank rear panel
- Single door with tempered glass
- Single blank door
- Single ventilated door
- Double blank door
- Double ventilated door

HANDLE WITH SAFETY INSERT,  
lever action and two locking points

## ROOF

removable roof with ventilation louver arranged for easy fixing  
of ventilation units and with 2 pre-punched holes for cable passage

## REMOVABLE SIDE PANELS

with ¼ turn closure made with the particular and innovative concept of  
boxed fold that guarantees undisputed structural rigidity combined with  
benefit of easier handling.

Easy fixing: there are 4 locking points

## PAIR OF 19" UPRIGHTS

Front uprights for D=600,

Two pairs of front and rear uprights for D=800/1000/1200.

Static load combined with 19" rear uprights: 1000Kg

## PRE-CUT BOTTOM FOR CABLE ENTRY

STANDARD PLINTH with flanges and depth rails with integrated angle,  
included in all configurations

# Protection degree

IP20 complying with EN62208 and EN60529.

NEMA 1 complying with NEMA250



## DETAILS

Handle

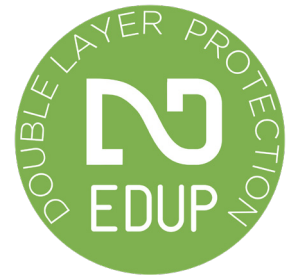
Color: Black



# Painting Process

Paint finish with E-DUP treatment (Double Layer Protection) made with a first layer of cathodic electrophoresis paint with epoxy resin (cataphoresis) and a second finishing coat with thermosetting epoxy polyester powders according to the ETA standard finishing cycle.

- Structure: color RAL 9011 textured finish RAL7035 smooth finish
- Door and panels: color RAL 9011 textured finish or RAL7035 textured finish.
- Roof, plinth and handle: color RAL 9011 textured finish



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