

Polyester enclosures EPC (IP66)

→ NON-METALLIC hinge pins that will prevent any kind of corrosion and rust.

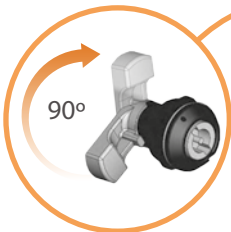


→ Mounting plates are not included in the package. Can be ordered additionally: polyester or metal.

→ Anti blow system. With up to 3 or 4 points of pressure. The "wedges" press the rubber gasket at the door against the interior of the enclosure to assure IP66 protection.



→ Enclosure can be directly mounted on wall or additional wall fixing lugs can be used.



→ 90° locking mechanism. The standard lock can be replaced by lock with key.



→ Possible to connect 2 or more enclosures together (grouping) by using additional connecting flanges.



→ Manual installation of the hinge pins, without the need for tools. Hinge bolts allow the door to open up to 180°



→ Closets are designed with a Shade or Cover which protects the closet from getting water inside.



→ Included mounting set for installation of enclosures directly on the wall (4 screws with inserts). Due to separated installation hole, IP66 is obtained.



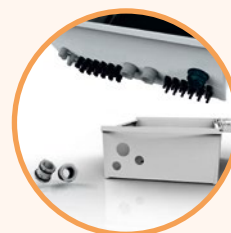
→ Accessory EPC-DH-145 allows limit and lock door opening angle from 180° to 145°



→ 2 types of passive ventilation (natural air convection) systems: EPC-VDS / VDL modules



→ For visual control are available cabinets with window EPC-W series.














→ Metric or PG cable glands can be used for IP66 cable entry.

Polyester enclosures

Fiberglass Reinforced Polyester EPC Cabinets (IP66)

Description

Polyester reinforced with fiber glass enclosures provide double insulation class in IP66 protection. Can be used outside (PV systems, up to 1500VDC) or in industry applications.

	→ Double insulated enclosure, protection class II. Rated operational voltage 1000Vac - 1500Vdc	→ Excellent cabinets for outside installation and withstanding extreme climate conditions. Rain, frost, dirt... even chemical agents. They have a much higher lifespan than metallic closets.	
	→ Manufactured entirely without any metallic parts. WILL NOT RUST	→ All components made with recyclable materials and reduced waste. Abides by the European restrictions of hazardous residue RoHS	
	→ IP66 grade protection against water and dust; non-hygroscopic materials.	→ High mechanical resistance IK-10	
	→ Thermosetting materials do NOT vary in structure or get deformed with climate changes. However, plastic materials WILL get deformed.	→ UV stable material	
	→ Possible grouping of enclosures by using IP66 connection flanges.	→ Color RAL7035	
		→ Fire resistant at 960°, self-extinguishing material and halogen free.	



Polyester enclosures IP66 (solid door)

Type	Code No.	Description	Dimensions [mm]			Weight [kg]	Packaging [pcs]
			Height	Width	Depth		
EPC 30-25-14	001102600	Polyester enclosure IP66	300	250	140	1,93	1
EPC 40-30-20	001102601	Polyester enclosure IP66	400	300	200	3,60	1
EPC 40-40-20	001102602	Polyester enclosure IP66	400	400	200	4,35	1
EPC 50-40-20	001102603	Polyester enclosure IP66	500	400	200	5,25	1
EPC 60-40-23	001102604	Polyester enclosure IP66	600	400	230	7,13	1
EPC 60-50-23	001102605	Polyester enclosure IP66	600	500	230	7,93	1
EPC 80-30-23	001102606	Polyester enclosure IP66	800	300	230	6,40	1
EPC 80-60-30	001102607	Polyester enclosure IP66	800	600	300	12,65	1

Mounting plate not included!



Polyester enclosures IP66 (door with window)

Type	Code No.	Description	Dimensions [mm]			Weight [kg]	Packaging [pcs]
			Height	Width	Depth		
EPC-W 30-25-14	001102608	Polyester enclosure IP66 (with window)	300	250	140	2,00	1
EPC-W 40-30-20	001102609	Polyester enclosure IP66 (with window)	400	300	200	3,57	1
EPC-W 40-40-20	001102610	Polyester enclosure IP66 (with window)	400	400	200	4,30	1
EPC-W 50-40-20	001102611	Polyester enclosure IP66 (with window)	500	400	200	5,21	1
EPC-W 60-40-23	001102612	Polyester enclosure IP66 (with window)	600	400	230	7,05	1
EPC-W 60-50-23	001102613	Polyester enclosure IP66 (with window)	600	500	230	7,56	1
EPC-W 80-30-23	001102614	Polyester enclosure IP66 (with window)	800	300	230	6,40	1
EPC-W 80-60-30	001102615	Polyester enclosure IP66 (with window)	800	600	300	12,15	1

Mounting plate not included!



Included:

- enclosure with doors
- hinges
- wall mounting set (4pcs.)
- Standard two-leaf lock with key



Technical data

Fiberglass Reinforced Polyester EPC Cabinets (IP66)

Technical data	
Protection degree	IP66
Degree of protection against external mechanical impacts	IK10, IK07 (with window)
Protection class	II
Rated operational voltage	1000 V AC, 1500 V DC
Material body/seal	fiberglass reinforced polyester / polyurethane
UV resistance	✓
Operating temperature	-30 °C ... +120 °C
Color	RAL 7035
Resistance to fire and heat	960 °C
Compliance with standards	IEC 62208

Properties	EPC/-W 30-25-14	EPC/-W 40-30-20	EPC/-W 40-40-20	EPC/-W 50-40-20	EPC/-W 60-40-23	EPC/-W 60-50-23	EPC/-W 80-30-23	EPC/-W 80-60-30
External dimensions								
Height (mm)	300	400	400	500	600	600	800	800
Width (mm)	250	300	400	400	400	500	300	600
Depth (mm)	140	200	200	200	230	230	230	300
Internal dimensions								
Height (mm)	273	373	373	473	573	573	773	773
Width (mm)	207	257	357	357	357	457	257	557
Depth (mm)	123	183	183	183	213	213	213	283
Other characteristics								
Number of locks	1	2	2	2	2	2	2	2
Number of wedges (anti-blow system)	1	1	2	2	2	2	2	2
Number of fixing points - mounting plate	4	5	5	6	6	6	4	7
Power dissipation P _{de} @T=40 °C	36,2	58,8	72,6	82,9	99,4	117	103	185
Weight (kg)	1,93	3,6	4,35	5,25	7,13	7,93	6,4	12,65
Mounting plate (polyester)	EPC-PMP 30-25	EPC-PMP 40-30	EPC-PMP 40-40	EPC-PMP 50-40	EPC-PMP 60-40	EPC-PMP 60-50	EPC-PMP 80-30	EPC-PMP 80-60
Height (mm)	262	360	360	460	558	558	756	756
Width (mm)	198	248	348	348	348	448	248	548
Thickness (mm)	3	3	3	3	3	3	3	4
Weight (kg)	0,38	0,59	0,87	1,09	1,3	1,75	1,46	2,78
Mounting plate (metal)	EPC-MPP 30-25	EPC-MPP 40-30	EPC-MPP 40-40	EPC-MPP 50-40	EPC-MPP 60-40	EPC-MPP 60-50	EPC-MPP 80-30	EPC-MPP 80-60
Height (mm)	262	360	360	460	558	558	756	756
Width (mm)	198	248	348	348	348	448	248	548
Thickness (mm)	2	2	2	2	2	2	2	2
Weight (kg)	0,79	1,3	1,9	2,2	3	3,6	3,26	6,4