

Assembly instructions

for cladded battery racks

English



Assembling Rack

The assembly procedure of the rack can be clear seen in the assembly instructions of the used rack.

The rack picture is an example only!



NOTE

- Before you start the assembly of the rack, check the packages delivered to ensure you have received the correct number and items.
- It is not possible to insert missing pieces at a later time.
- Handle the goods with care. Repair any damaged surface immediately.

NOTE

- Pay attention to a flat under-ground/ surface.
- The profiles at the left and right end side must set flush complete on the outside with the upright.
- The profiles must centrally be put together on the support, in case of using middle supporting frames.

Assembling Side Panel

Rack with 2 supports (left and right):



Substitute from the left and right support the 4 ribbed plastic insert (50x30) with the delivered 4 threaded plastic insert with collar (50x30) – see figure B and C.

Assemble the side panels on the left and right end side of each rack. Use the enclosed bolts M8x40 gvz including the washer diameter 16mm gvz - see figure D.

The brace is a part of the rack and have to be assembled between the rack and the side support. You have to fasten the braces with the bolt of the side support – see figure A.



Fig. A



Fig. B



Fig. C



Fig. D

Rack with more than 2 supports (left, middle and right):



Substitute from the left and right support the 4 ribbed plastic insert (50x30) with the delivered 4 threaded plastic insert with collar (50x30) – see figure E and F.

Substitute from the middle support the ribbed plastic insert (50x30) with the delivered threaded plastic insert with collar with steel plate. Fasten the steel plate with the enclosed countersunk bolt M8x30 – see figure G and H .

Assemble the side panels on the left and right end side of each rack. Use the enclosed bolts M8x40 gvz including the washer diameter 16mm gvz – see previous figure C.

The brace is a part of the rack and have to be assembled between the rack and the side support. You have to fasten the braces with the bolt of the side support – see previous figure A.



Fig. E



Fig. F



Fig. G



Fig. H

NOTE

- Do not over tighten the bolts.

Assembling Extension Panel



In case of more than 2 supports, the extension panel (s) have to be used.

Assemble the extension panel with the bolts M8x40 gvz including the washer diameter 16mm gvz and the brace – see previous figure C and I - onto the front and rear of each middle support.

Note:
The brace is a part of the rack.



Fig. I

Assembling Top Panel



Assemble the top panel (s) with the bolt M8x25 gvz including the washer diameter 16mm gvz – see figure J and K - onto the top of the rack.



Fig. J



Fig. K

Assembling Rear Panel



Before you start the assembly of the rear panel (s) you have to screw into the extension panel (s) and the side panels the bolts M8x45 stainless steel into each nut – see figure L and M. The screws must look to the outside.

Assemble the rear panel (s) with the nuts M8 stainless steel including the washer diameter 16mm stainless steel – see figure N.



Fig. L



Fig. M



Fig. N

NOTE

- Do not over tighten the bolts.

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Assembling Battery



Insert battery, cells or blocks into the cladded rack.

NOTE

- *Handle the goods with care. Repair any damaged surface immediately.*

Assembling Front Panel



Before you start the assembly of the front panel (s) you have to screw into the extension panel (s) and the side panels the bolts M8x45 – see previous figure L and M - stainless steel into each nut. The screws must look to the outside.

Assemble the front panel (s) with the nuts M8 stainless steel including the washer diameter 16mm stainless steel – see previous figure N. Use the handles – see figure O.

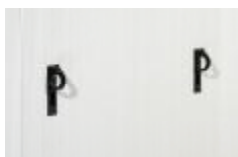


Fig. O

NOTE

- *Do not over tighten the bolts.*

Assembling Plastic Caps



Finally cover all screws with the plastic caps.

