

Disassembly Instructions - PowAR Snap® S

Fastening & Grounding clip for Framed PV Modules

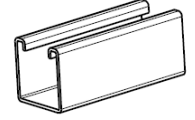
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WARNING! HAZARDOUS VOLTAGE
DISCONNECT POWER BEFORE SERVICING

FOLLOWING RECOMMENDATIONS ARE ONLY RELATED TO MECHANICAL PARTS

Module disassembly from STRUT rail



Case 1: Disassembly per back access,

Using the plier - ref 235216 (Fig. 1)

1 Insertion of removal tool in the rail

- 1-a Open the plier (Fig. 2)
- 1-b Place it around the rail
- 1-c Close the plier around the rail (Fig. 3)
- 1-d Move down and place the forks inside the rail
- 1-e Open the plier as much as possible



Figure 1



Figure 2



Figure 3

2 Sliding removal tool under PowAR Snap® S (Fig. 4)

- 2-a Slide the plier with forks open until it reach the PowAR Snap® S
- 2-b Ensure forks are placed between rail and PowAR Snap® S wings



Figure 4



Figure 5

3 Disconnection of PowAR Snap® S (Fig. 5)

- 3-a Press the wings by closing the plier
- 3-b Push the module up and extract PowAR Snap® S out of the rail
- 3-c Remove the plier out of the rail

Proceed same way for the 3 other PowAR Snap® S

Case 2 : Disassembly with no back access

Using the slider Ref 237942 (Fig. 6)

1 Assembly of the slider removal tool

- 1-a Assemble together the different parts using the pin connector
- 1-b Please note that 2 assemblies are possible : long version = with 2 tubes, or short version = with no tube in case of space limitation



Figure 6



Figure 7



Figure 8

2 Sliding of removal tool along rails

- 2-a Insert the forks into the rail as shown (Fig. 7, Fig.8)
- 2-b Slide the tool until forks press the wings of the PowAR Snap® S (Fig.9, Fig.10)

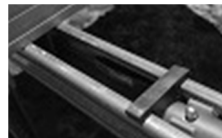


Figure 9

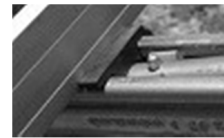


Figure 10



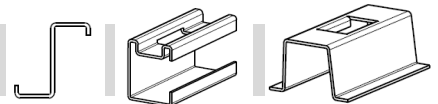
Figure 11

3 Disconnection of PowAR Snap® S

- 3-a Push the module up and extract PowAR Snap® S out of the rail (Fig. 11)
- 3-b Remove the slider out of the rail

Proceed the same way for the 3 other PowAR Snap® S

Module disassembly from Z, C or Ω rails



As direct access to PowAR Snap® S is feasible, no specific tool is needed
Disconnection is ensured by pressing the wings (e.g. thanks to multiple slip plier)

PowAR Snap® S - disassembly from the module frame

- 1- Insert a flat-blade screwdriver without sheathed insulation (e.g. 4x100) under the tab in order to move up the two claws (Fig. 12)

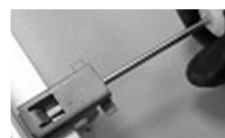


Figure 12



Figure 13



Figure 14

- 2- Twist the PowAR Snap® S (Fig.13) until it is released (Fig. 14)

Please note that PowAR Snap® S is for single use.
In case of solar panel change, always use new PowAR Snap® S.