MINI INSTALLATION GUIDE
EASY ROOF EVOLUTION (SIZE L-1)

1. GOODS PREPARATION

End bracket preparation

Using an End clamp align the screw with the top of the module.

Frame preparation

a. Remove the 2 module centering wedges that fit the width of your module

b. For an installation with 6 brackets per module, cut and remove the 2 plugs

c. If you use the optional top frieze, remove the frieze support

Middle clamp preparation

Slide and clip the middle clamp on the module centering wedge

2. POSITION AND WIRE THE PV MODULES

CASE 1

Align the higher edge of the module with the top point of the « leaning area » as shown on the drawing.

CASE 2

If the module frame exceed the top point of the leaning area, slide up the PV module 3mm so it won’t lean against the EASY ROOF EVOLUTION frame.

3. SCREW THE MIDDLE AND END CLAMPS

Align the higher edge of the module with the top point of the « leaning area » as shown on the drawing.

 Tightening torque 8.8 Nm

DISCLAIMER: This enclosed document « Mini installation guide EASY ROOF EVOLUTION (size L-1) » should not be considered in any case as a replacement of the standard installation manual EASY ROOF EVOLUTION size L-1. The main objective of this shorter manual is to provide assistance to the professional installers. It has no aim in replacing the main assembly manual. Every single installation has to be undertaken in compliance with the main technical manual which outline all instructions of the installation. You could be held accountable and liable for all actions and its derived consequences from its utilization.

The EASY ROOF products are commercialized by IRFTS SAS. For more information about EASY ROOF In roof mounting system and the reference installation manual please visit our web site: www.irfts.com

Non-contractual information and visuals. Subject to technical amendments without notice.

Tightening torque 8.8 Nm
2 TILES/SLATES REMOVAL

Width calculation of the system (including flashings)

<table>
<thead>
<tr>
<th>Module number in length with standard lateral flashings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>---</td>
</tr>
<tr>
<td>1410</td>
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Height calculation of the system (including flashing)

Please check the PV module compatibility list on: www.irfts.com

<table>
<thead>
<tr>
<th>Module length (lg)</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<tbody>
<tr>
<td>\leq 1645</td>
<td>1655</td>
<td>1675</td>
<td>1695</td>
</tr>
<tr>
<td>1646 \leq lg \leq 1665</td>
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<td></td>
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<tr>
<td>1666 \leq lg \leq 1685</td>
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<table>
<thead>
<tr>
<th>Dimension H</th>
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<tbody>
<tr>
<td>Module number in height</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
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<tr>
<td>3</td>
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<td>4</td>
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<td>6</td>
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9 ASSEMBLE THE SIDE FLASHINGS LEFT THEN RIGHT

10 SCREW THE END BRACKET

When screwing the flashings, unscrew one turn to allow dilation.

Center vertically the end bracket in the opening (for dilation).

Use provisionally the clamp screw.


**INSTALL THE FLOORING**

- Brackets flooring

Leaning batten for the EASY ROOF EVOLUTION frame and the side flashings

Make a marking on the rafter in front of the openings where to place the support battens

**BOTTOM FLASHING**

- Soft bottom flashing

**ADJUST THE 1st FRAME HORIZONTALLY:**

Position the 1st frame at the bottom left corner using two screws placed in the openings indicated and put them leaning against the reference support batten (d)

Reference support batten (d)

**PV field positioning in the width direction**

Tip to avoid tile's cut

Measure the PV field width (see chart below - Width calculation of the visible field), center the PV field in order to have a sufficient tile overlap on the flashing.

<table>
<thead>
<tr>
<th>Module number in length with standard lateral flashings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension X</td>
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For more details, see 2

Dimension X: 900 mm

Dimension B: (B>X) 900 mm

150 mm MINI

150 mm MINI

40 mm MAXI

Dimension X

Dimension B (H=4)
Position one column of frame EASY ROOF EVOLUTION using two screws placed in the openings indicated and put them leaning against the reference support batten (d).

Position and clip the above frame in the appropriate plug according to the module’s length.

Re position the first tile above the upper frame

3 POSSIBILITIES:

1. The tile exceed the marking “limit tile”. Cut the tile

2. The tile is tangent with the marking (“limit tile”). Go to step 4

3. The tile does not reach the marking “limit tile”. Slide up the reference support batten (d) in order to have the tile tangent with the marking “limit tile”

Make sure you respect point c.