Plastic Support
Tilt for flat roofs，grounds

12 YEAR WARRANTY

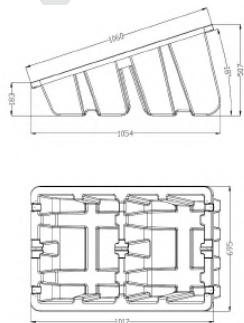| Tilt roof | Flat roof | Corrugated metal | Trapezoidal sheet | Framed module | Orientation portrait | Orientation landscape |

Product Features

- Widely used for both crystalline and thin film modules.
- Easy & quick installation
- Only 2~3kinds of components and no more than two kinds of tools in whole system fixation.
- All system components are made with high quality aluminum & stainless steel.

Technical Data

Project site	Flat roof or Ground
Slope of roof	18 degree
Max Building Height	Up to 20m
Wind Load	60m/s
Snow Load	2.0kn/㎡
Applicable Module	Frame / frameless module, crystalline/ thin film module
Module Orientation	Landscape or portrait
Material	HDPE
Color	Black

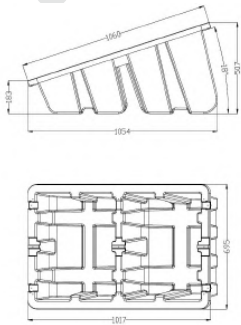| Types	Asphalt or concrete flat roof, ground
Filler	Gravel, stone, bricks
Weight of filler	100KG
Content	1× plastic box
	4× plastic end clamps
	4× screws
Installation guide	No. of module +1
Life time	20 years
Dimension	1054×695×507mm
Net weight	7.5KG
Panel orientation	Landscape
panel width available	998-1010mm

System Overview

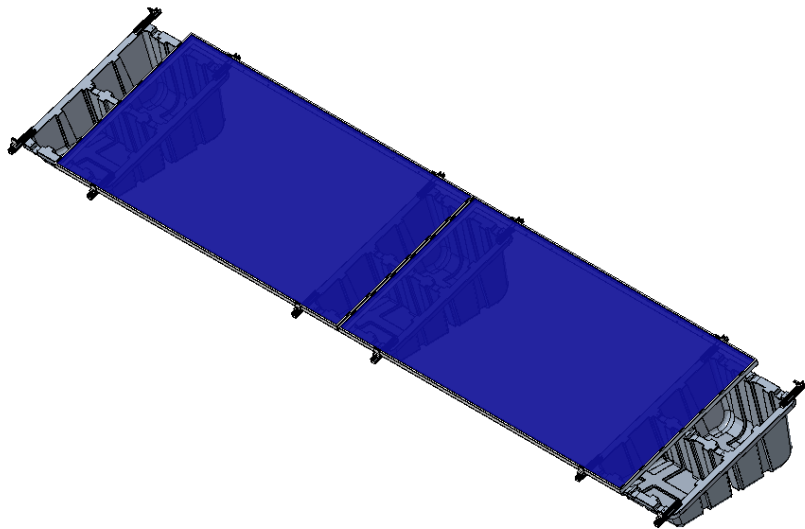## Instructions of Landscape Installation（998-1010mm width panel）

Put the plastic trays on the ground with gravels or stones(the weight should be 60-100kg per tray)

Fix the panels on the trays by the plastic end clamps with 6*30 screw
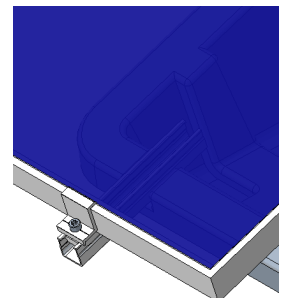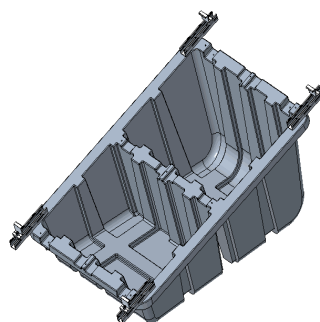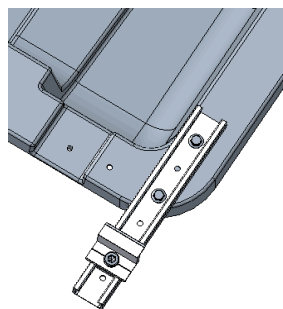
www.fastensolar.com

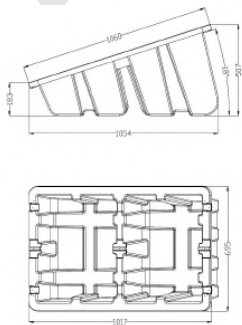| Types	Asphalt or concrete flat roof, ground
Filler	Gravel, stone, bricks
Weight of filler	100KG
Content	1× plastic box
	4× mini rail
	4× Al end clamps
Installation guide	No. of module +1
Life time	20 years
Dimension	1054×695×507mm
Net weight	7.5KG
Panel orientation	Landscape
panel width available	1010-1140mm

System Overview

Instructions of Landscape Installation（1010-1140mm width panel)

Put the plastic trays on the ground with gravels or stones(the weight should be 60-100kg per tray)

Fix 4 pcs 140mm mini rails on the side of plastic trays by 8pcs 6.3*25 stepping screw or M8*30 bolt set, then fasten the aluminum end clamps to install the solar panels.

www.fastensolar.com

Product Manual

Types	Asphalt or concrete flat roof, ground
Filler	Gravel, stone, bricks
Weight of filler	100KG
Content	1× plastic box
	2× plastic padding
	3× Al mid clamps+3× Al end clamps
Installation guide	No. of module +1
Life time	20 years
Dimension	1054×695×507mm
Net weight	7.5KG
Panel orientation	Portrait
panel width available	800-1300mm

System Overview

Instructions of Portrait Installation（800-1300mm width panel)

中間安裝中壓和M6*40自攻螺絲 3套/一個支架

Put the plastic trays on the ground with gravels or stones(the weight should be 60-100kg per tray)

Fix the panels on the trays by 3pcs*aluminum mid clamps and end clamps with 6*45 screw. (if it's over 40mm width panel, should use longer screw)

www.fastensolar.com