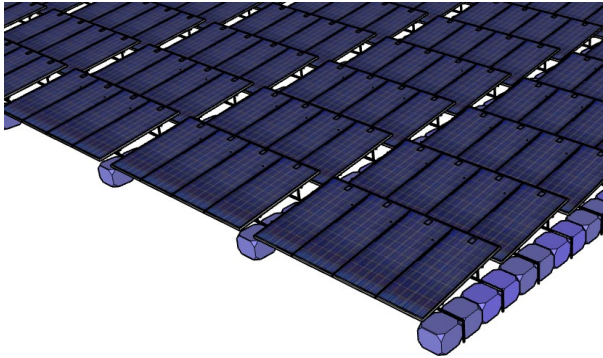
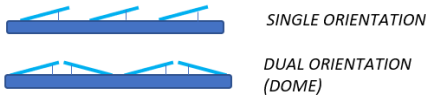


NRG ISLAND – NIAL_CDOCK

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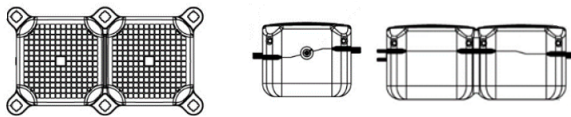
PV MODULE POSSIBLE ORIENTATION:



Tilt	Any Standard is 5° Suggested 5° - 15°
Pitch (m)	2 – 2,5 – 3 – 3,5 - ...
Wind resistance	250 km/h*
Wave resistance	0,5 m**
Warranty	5 years extendible
Service life	Over 25 years

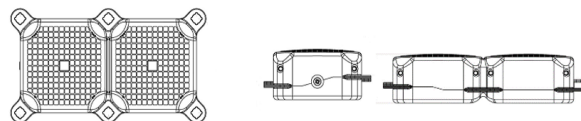
* Indicative value. It varies depending on the project and on the anchoring design. It must be evaluated with an appropriate analysis.
** Standard value. Can be investigated for specific projects.

FLOATS and CONNECTORS



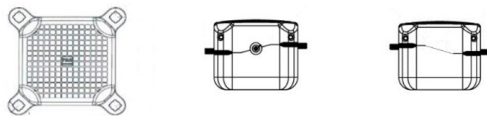
For frame support, walkways, spacing rows

DOUBLE FLOAT 100X50X40 cm	Weight (avg): 11,5 kg Material: HDPE Buoyancy: 350 kg/m2 Thickness (avg): 7-9 mm Temp: -55°C/+75°C
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For walkways

DOUBLE SHORT FLOAT 100x50x25 cm	Weight (avg): 9,3 kg Material: HDPE Buoyancy: 225 kg/m2 Thickness (avg): 7-9 mm Temp: -55°C/+75°C
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For frame support, walkways, spacing rows

SINGLE FLOAT 50x50x40 cm	Weight (avg): 6 kg Material: HDPE Buoyancy: 350 kg/m2 Thickness (avg): 7-9 mm Temp: -55°C/+75°C
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1) SIDE SCREWS + BOLT 2) CENTRAL PIN 3) SPECIAL PIN	Weight (avg): 1) 0,28kg 2) 0,75 kg 3) 1 kg Material: HDPE/HDPE+ stainless steel
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FRAME



Material	Aluminium
Dimensions when assembled	Lenght: 4 – 4,5 m Width: 1 – 1,5 m
Weight	23,5 – 30 kg
PV panels per unit	Up to 4
PV panels position	Portrait preferred

For further information, for an offer request, or for design help, please contact us at info@nrgisland.com

NRG ISLAND - NIAL_CDOCK LAYOUT COMPONENTS

Rev. 2021/1

The design of the fpv plant layout depends on several criteria:

1. PV PANELS SIZE

Depending on the panel' size category, the floating UNIT changes its dimension.

A category : 60/120 cells panels - length < 1900 mm - width <= 1002 mm

B category : 60/120 cells panels - length < 1900 mm - width > 1002 mm

C category : 72/144 cells panels - length > 1900 mm - width <= 1002 mm

D category : 72/144 cells panels - length > 1900 mm - width > 1002 mm

2. Floating units for panels belonging to category A

standard UNIT - dim. 2 x 4,5 m

