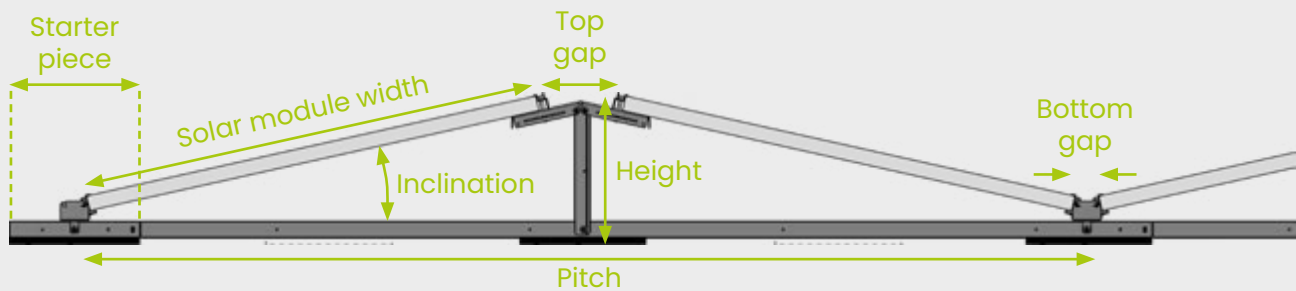


DATASHEET

SOLARSPEED **AVANTIS**

060526.ENG

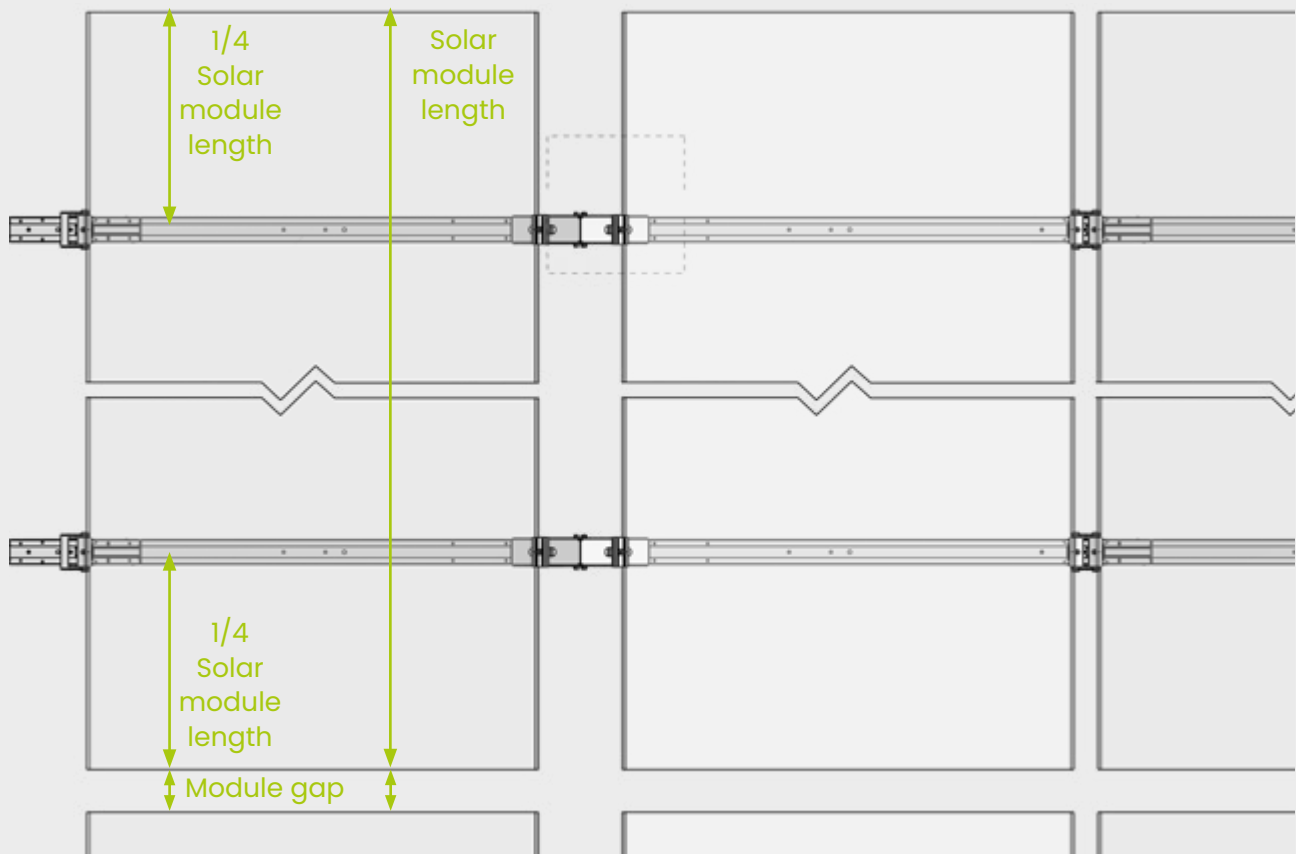
SolarSpeed Avantis on rubber footing



To reduce contact pressure, add footings at marked locations.

For PVC roofs use rubber with aluminium underlay.

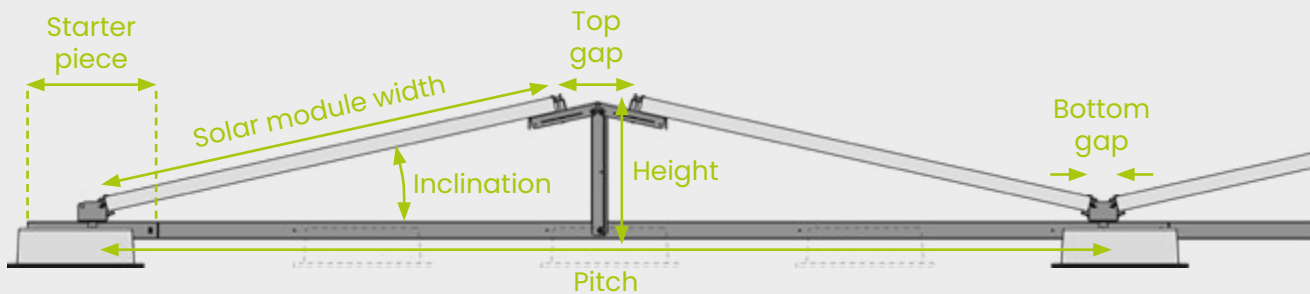
Solar module width [mm]	Pitch [mm]	Height [mm]
1096 ± 10	2413	350 ± 5
1134 ± 10	2488	360 ± 5
1303 ± 10	2817	400 ± 5



Solar module length [mm]		
1762 ± 10	2093 ± 10	2384 ± 10
1961 ± 10	2278 ± 10	2465 ± 10

Starter piece [mm]	300
Inclination [°]	12,5
Top gap [mm]	200 ± 20
Bottom gap [mm]	73
Module gap [mm]	20 ± 10

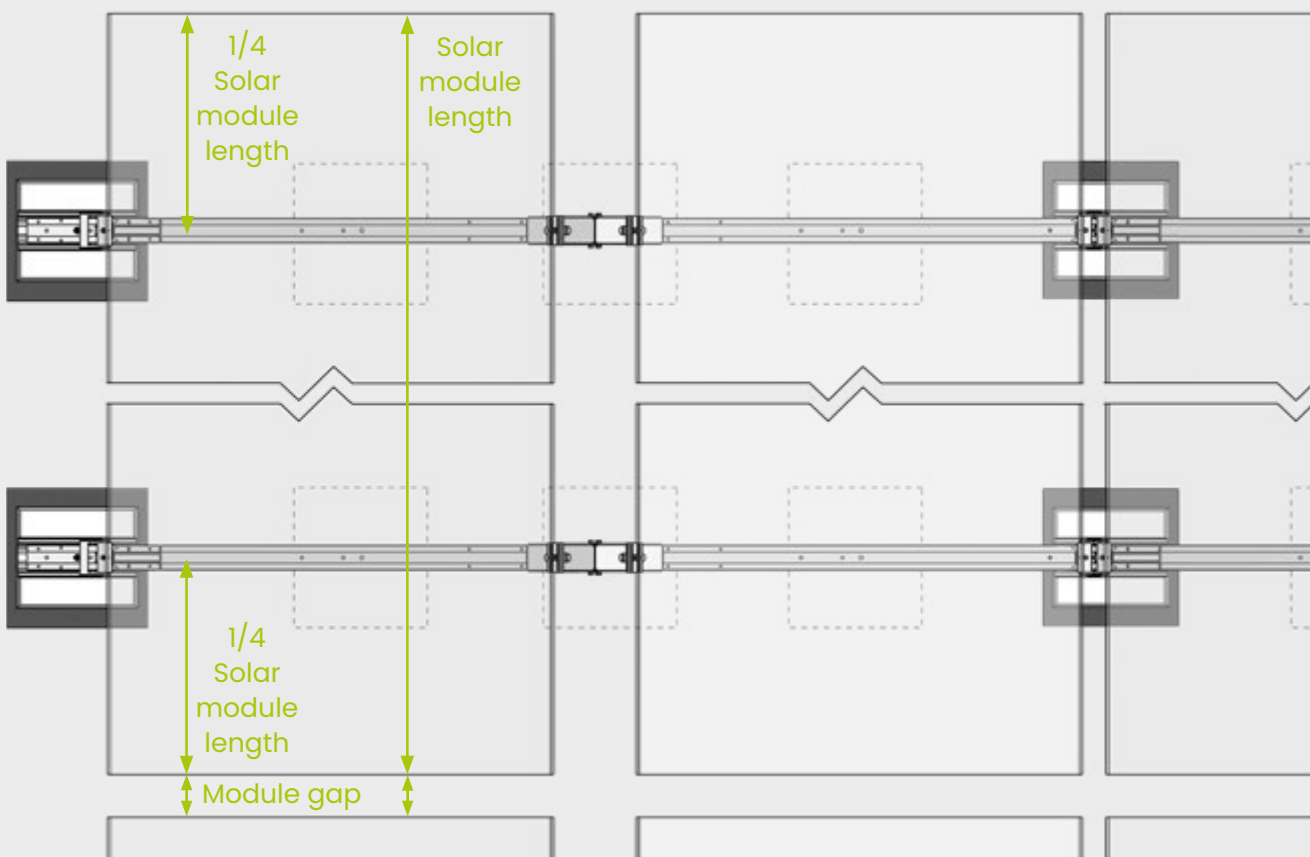
SolarSpeed Avantis on concrete footing + rubber



To reduce pressure or add ballast, install footings at marked locations.

For PVC roofs use rubber with aluminium underlay.

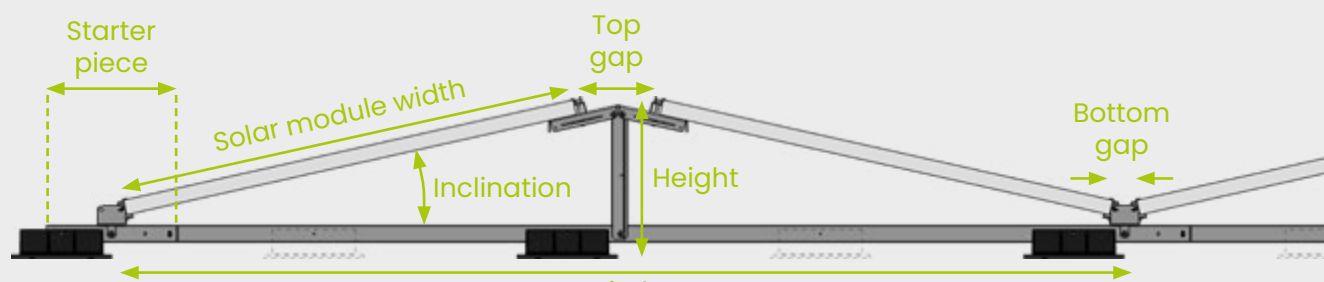
Solar module width [mm]	Pitch [mm]	Height [mm]
1096 ± 10	2413	335 ± 5
1134 ± 10	2488	345 ± 5
1303 ± 10	2817	385 ± 5



Solar module length [mm]		
1762 ± 10	2093 ± 10	2384 ± 10
1961 ± 10	2278 ± 10	2465 ± 10

Starter piece [mm]	300
Inclination [°]	12,5
Top gap [mm]	200 ± 20
Bottom gap [mm]	73
Module gap [mm]	20 ± 10

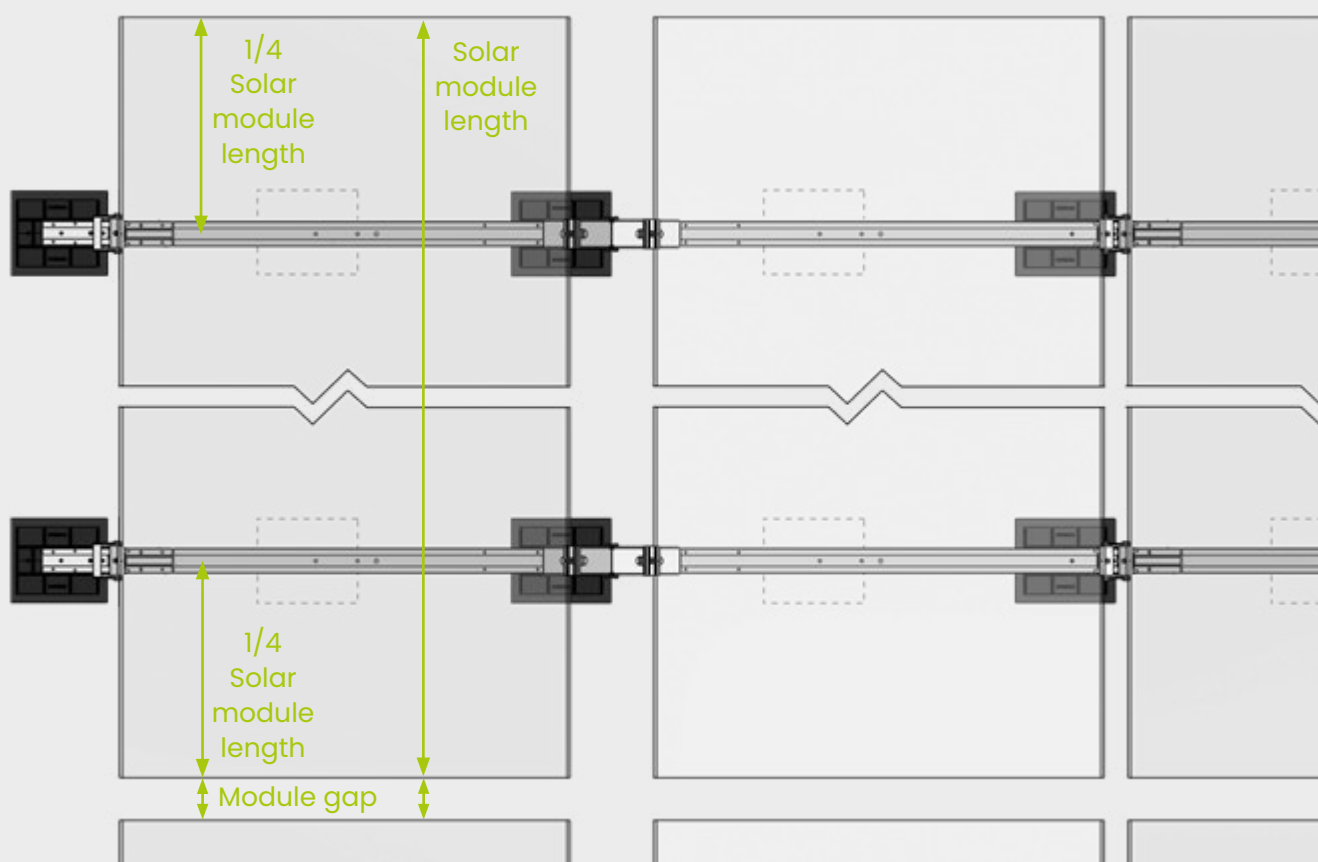
SolarSpeed Avantis on PP footing + rubber



To reduce contact pressure, add footings at marked locations.

For PVC roofs use rubber with aluminium underlay.

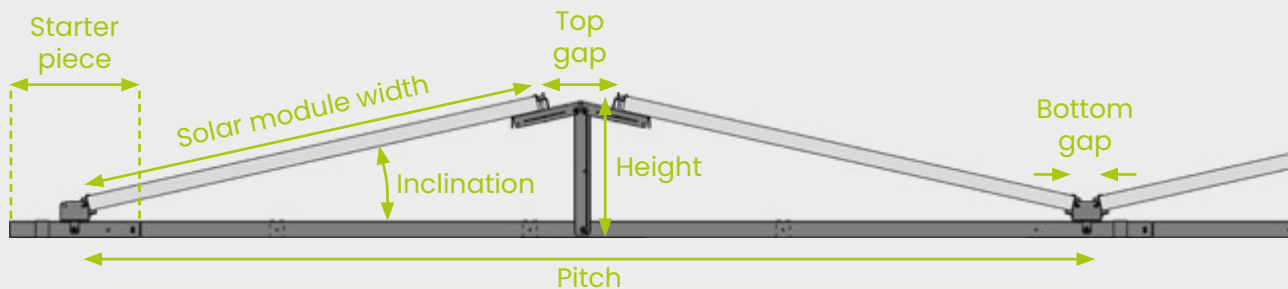
Solar module width [mm]	Pitch [mm]	Height [mm]
1096 ± 10	2413	335 ± 5
1134 ± 10	2488	345 ± 5
1303 ± 10	2817	385 ± 5



Solar module length [mm]		
1762 ± 10	2093 ± 10	2384 ± 10
1961 ± 10	2278 ± 10	2465 ± 10

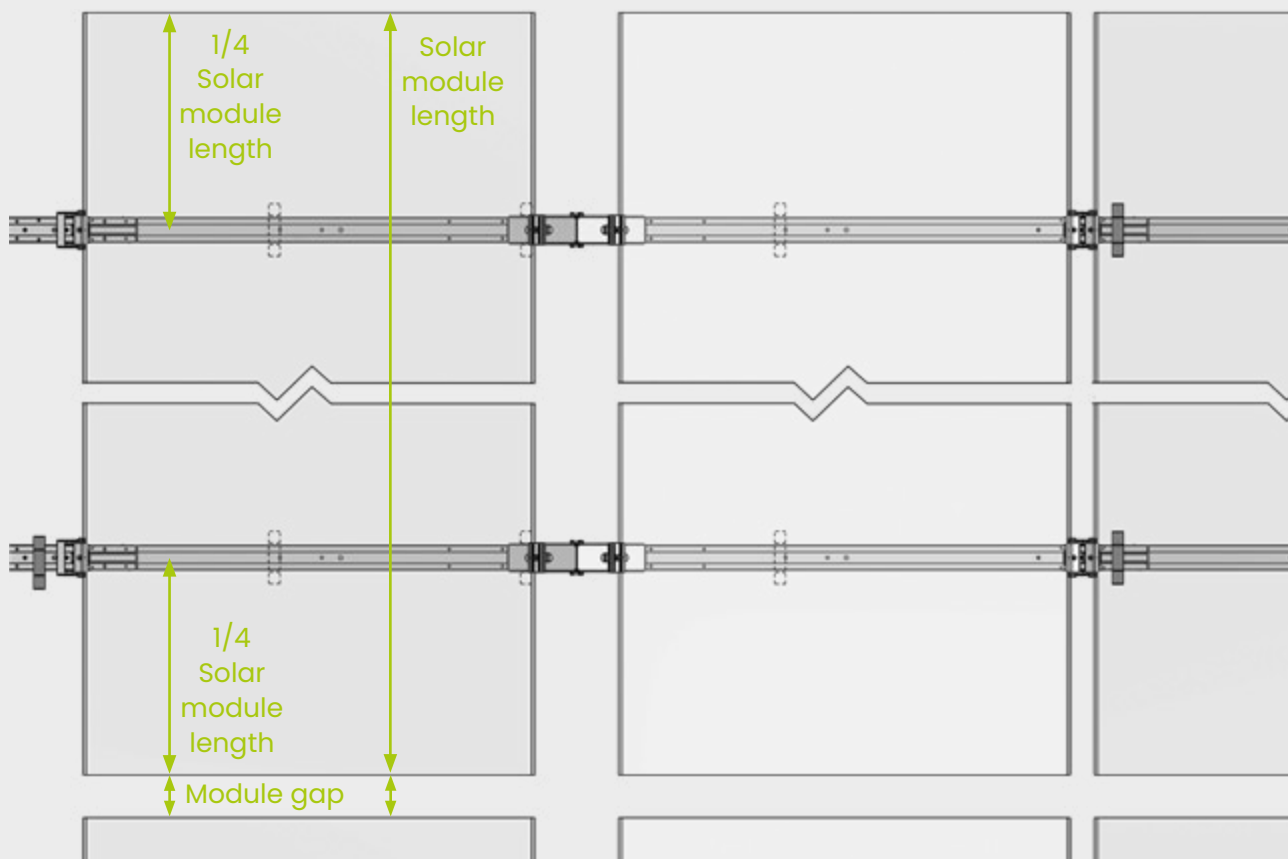
Starter piece [mm]	300
Inclination [°]	12,5
Top gap [mm]	200 ± 20
Bottom gap [mm]	73
Module gap [mm]	20 ± 10

SolarSpeed Avantis with omega bracket



☐ To improve uplift resistance or achieve better load redistribution, add brackets at suggested locations.

Solar module width [mm]	Pitch [mm]	Height [mm]
1096 ± 10	2413	335 ± 5
1134 ± 10	2488	345 ± 5
1303 ± 10	2817	385 ± 5



Solar module length [mm]		
1762 ± 10	2093 ± 10	2384 ± 10
1961 ± 10	2278 ± 10	2465 ± 10

Starter piece [mm]	300
Inclination [°]	12,5
Top gap [mm]	200 ± 20
Bottom gap [mm]	73
Module gap [mm]	20 ± 10

Ballasted solar mounting frames for flat roofs

- Preserves the roof's waterproof integrity
- Structural and ballast calculations compliant with EN 1991-1-3, EN 1991-1-4, NEN 7250, and other relevant standards
- Design validated through extensive wind tunnel testing
- Manufactured according to EN1090 EXC2 standards

Mounting frames made of zinc-magnesium coated steel

- Long-term corrosion resistance with self-healing properties
- Good electrical conductivity, fulfilling IEC TR 63227 & IEC 61643-32
- Lightning strike approved, IEC 62561-1:2023-03

Semi-assembled basic-unit

- Reduction of individual parts
- Click system ensures quick installation
- Spacer tool ensures precise and straight installation

Clamps

- Heat-treated aluminium for superior strength
- 70mm long clamp with 10mm overlap on the module frame
- Integrated steel grounding pins compliant with IEC 61730 and IEC 61215
- Installed with M8 bolts

Product support

- Online calculator for fast and easy project design
- Technical team available for consultation
- Assembly instructions & videos accessible online

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