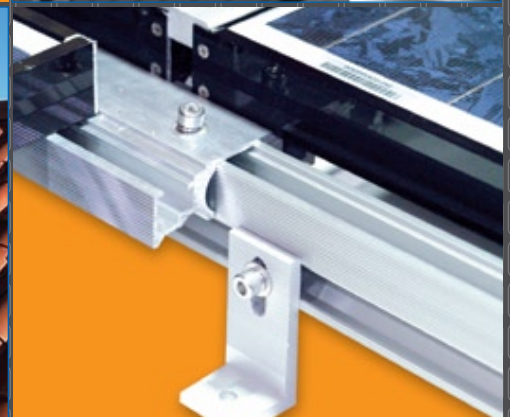
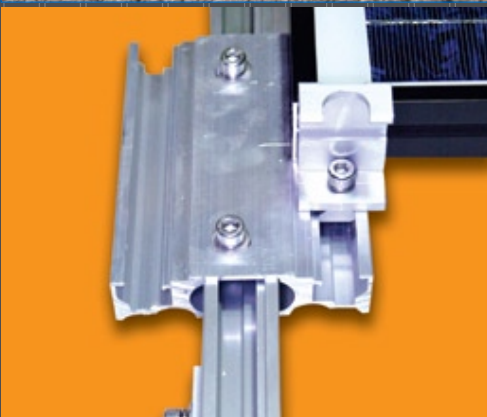
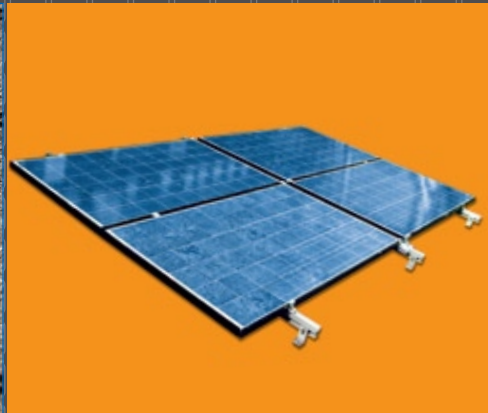


# ORION

SOLAR RACKING  
We Make Solar Installation Simple



## VENUS SERIES Flat Mount System

- Save Up To 40% Of Labor And Material By Our Unique Share Rail System
- Most Cost Efficient Racking System On The Market
- Up 40% Less Penetrations
- Ease Of Installation
- Installer Friendly Components
- Superior Value
- Code Compliance

[www.OrionRacking.com](http://www.OrionRacking.com)

stainless steel bolt

**VENUS Series** Flat Mount system



Patent Pending

**SHARE RAIL BRACKET**  
FEATURES

- Material: Al6005-T5
- Extruded Aluminum Section
- High Class Anodized Aluminium



**UNIVERSAL END CLAMP**  
FEATURES

- Material: Al6005-T5 & A2-70 stainless steel bolt
- Pre-assembly to compatible with the usual module
- Include the Inter Clamp and End Clamp



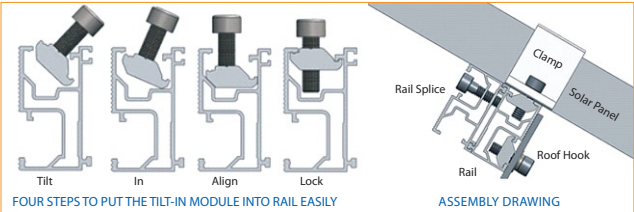
**L-FOOT**

**ORION SOLAR RAIL**  
FEATURES

- Material: Al6005-T5
- Extruded Aluminum Section
- High Class Anodized Aluminium



**ASSEMBLY FIGURE**



**RAIL SPAN CHART: TILT VS. WIND**  
Chart for Standard and Heavy Duty Rail (ft)  
30' roof height

Tilt	Wind (mph)								
	85	90	95	100	105	110	115	120	125
10	12	12	12.0	12	12	12	12	12	12
15	12	12	11.0	11	10	9	9	9	8
20	9	9	8.0	8	10	9	9	9	8
30	8	8	7.0	7	6.5	6	6	6	5.5
45	6	5.5	5.0	5	4.5	4.5	4	4	4

5 p a n

**VENUS SERIES**  
FLAT MOUNT RACKING SYSTEM

Orion Solar Rail Venus Series Flat System is engineered for the maximum flexibility possible in designing and planning for the commercial and residential roof solar system. It is applicable to install the usual frames module to flush with the pitched roof. The special extruded aluminum rail, the tilt-in module, the clamp kit and the various roof hook can be high pre-assembled and make the installation easy and quick to save your labor cost and time.

**BENEFITS:**

**EASY TO INSTALL**  
The tilt-in module can be put into the extruded rail from any location and can be high pre-assembled with the clamp and roof hook to minimize the time and cost of installation.

**OFFER UNMATCHED DURABILITY**  
With all structure components comprised of high class stainless steel and anodized aluminum alloy. It is designed for twenty years service life and backed by 15 years warranty.

**STAND UP TO EXTREME WEATHER**  
The Orion Racking Earth Series fixed tilt system is designed to stand up to the extreme weather complied with the AS/NZS 1170 and other international structure load standard by the skilled engineer. The main support components also have been tested to guarantee its structure and load-carrying capacity.

**CODE COMPLIANT**  
The Orion Solar racking is PE certified

**WARRANTY**  
All Orion Solar racking are covered by a 15 years limited product warranty.

**COMPLETE TECHNICAL SUPPORT**  
Orion Solar Racking offers complete technical support such as online calculator to help you generate bill of material, person to person customer service and provides full technical document with PE stamp.



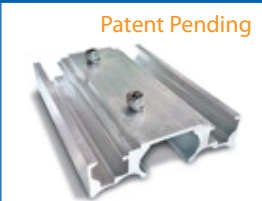


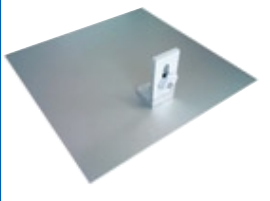

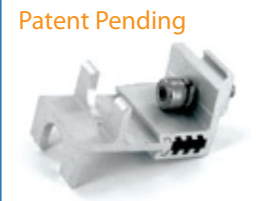
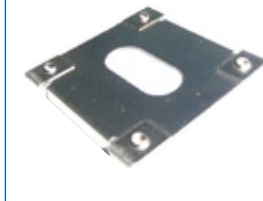

**COMPLETE RACKING SOLUTION**  
Orion Solar racking offers complete racking solution for any types of roof and ground installation.



## For more information:

If further assistance is required, please contact an authorized Orion Solar Racking Distributor, Sales Office, or Customer Service Department.

## Component List

Rail	Rail Splice Kit	Share Rail Bracket	Tile Hook For Spanish Tile	Tile Hook For Flat Tile
 Ori-R 15'/Ori-HDR 15'	 Ori-R-SP	Patent Pending  Ori-SR-01	 Ori-IK-01	 Ori-IK-02
Residential Shingle Roof Assembly W/Flashing	Mid Clamp	End Clamp	Grounding Clip	Ground Lugs w/HDW
 Ori-FK-01	 Ori-IC	Patent Pending  Ori-EC	 Ori-Ground Clips	 Ori-G-GL

## Our Company

Orion Solar Racking specializes in the development, manufacturing, and marketing of photovoltaic racking solutions.

Since its foundation Orion has released a wide range of high-quality and innovative mounting systems. We provide roof and ground mounting solutions for residential, agriculture, industrial, government, commercial, and utility grade projects. Each day we endeavor to make innovative solar racking solutions more affordable and accessible. Our focus is to provide renewable energy solutions that continue to make solar installation simple.

Orion has many unique custom tailored solutions which can be assembled into a variety of structures to accommodate most job sites. Orion provides a technical support system complete with installation and code compliance documentation, an online estimator, and design assistance to help you solve the toughest challenges.

We now play a leading role in the solar industry and have rapidly gained popularity among systems integrators, installers and distributors across the World.

## The most versatile Flat mounting systems in the market



Proud to be designed, engineered, and manufactured in the USA.



Solutions For ARRA Projects.