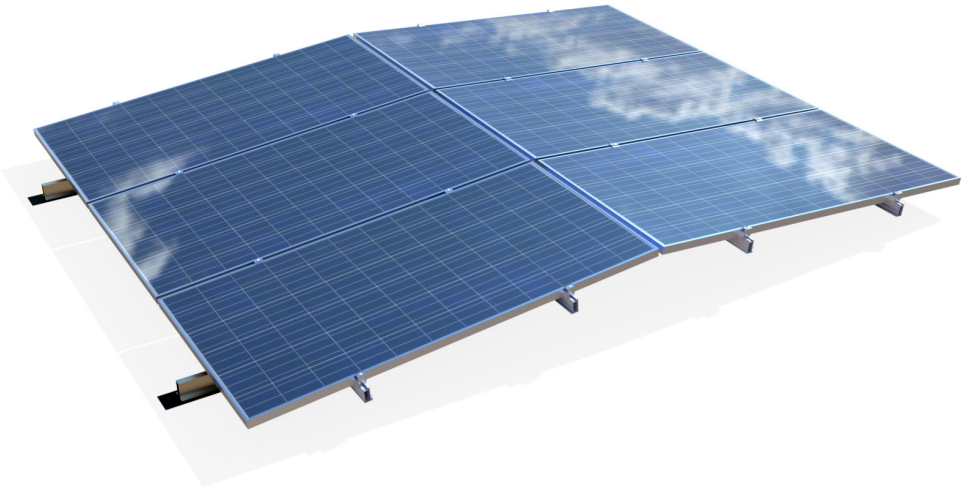
TerraGen Solar



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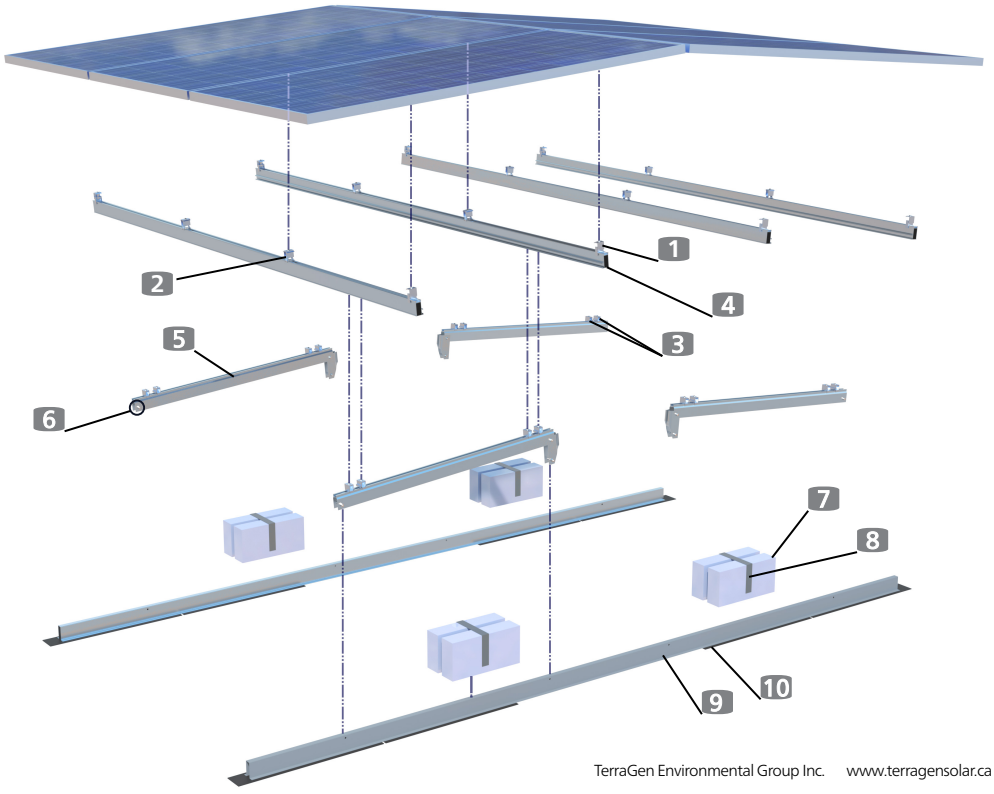
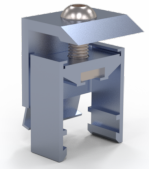
Uncompromised quality is now affordable

Flat Roof Mounting Solution

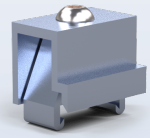
The material-optimized, flexible design, made of aluminum and galvanized steel, allows for low ballast, if any. Typical global loading is well under 3 lbs/sq ft. Avoid roof reinforcements on your next project.



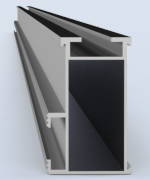


1 Adjustable End-Clamp

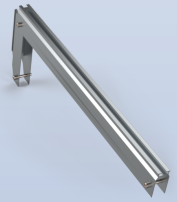
2 Adjustable Mid-Clamp



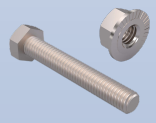
3 Cross Adaptors



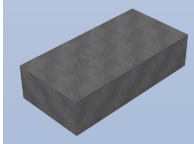
4 1966 Rail



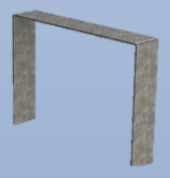
5 Tilt Assembly



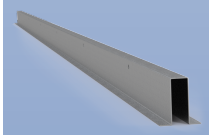
6 Hex Bolt (M8x50) & Nut



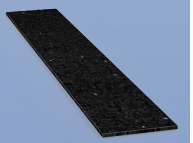
7 Ballast Block (locally procured)



8 Ballast Clamp



9 Base Rail



10 Rubber Pad

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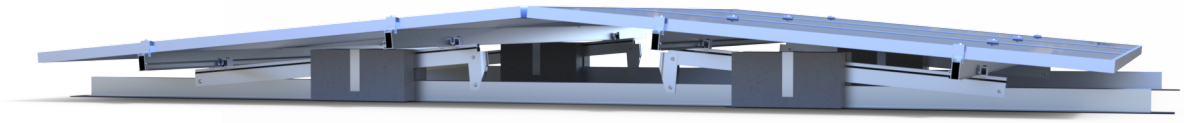

System Features & Benefits

Global loading as low as 2.3 psf

- Reduce up to 50% of total ballast
- Avoid building structural reinforcements
- Higher success rate of building structural qualification
- Lower mechanical/electrical installation time and cost

Rail based system

- Maintain module warranties
- Reduce point loading on your roof by transferring load through continuous base rails
- Reduce electrical materials and installation costs
- Predetermined row spacing and tilt angle
- Install racking and ballast in advance of module placement

No wind screen required

- Wind tunnel study from RWDI
- Easy access for wire management
- Reduce inter-row snow accumulation
- Easy installation of DC wiring to Top rails

Pre-assembled components

- Reduce installation time and cost by as much as 50%
- Eliminate on-site inter-row and tilt angle measurement errors
- Universal module mid and end clamps can accommodate 30-50mm frames

Any tilt angle – 3-35^0, any orientation

- Ability to accommodate any tilt angle and any inter-row spacing
- Flexible panel layout and optimize roof density
- Portrait or landscape orientations

Enhanced engineering drawings

- Detailed structural and construction packages create on-site efficiencies, saving you time and money

Mechanically Fastened or Ballasted

- Minimize cost, maximize longevity
- Longer ballast life
- Ballast installed under modules

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