The new EcoX is an innovative, rail-less racking system, proven to organize the installation process. The flexible design offers a clean aesthetic, simplified logistics, and delivers a higher quality installation at a lower cost per watt.



### Fast.

Modules drop in from above and there is never a need to reach over or walk on modules. Pre-assembled components and quick connections make EcoX easy to install.

### Simple.

Universal components mount to standard framed modules. With a single socket size and a wide range of adjustment, it is quick and easy to install any array with a clean, finished look.

## Supported.

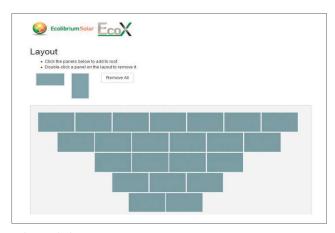
The Ecolibrium field support team offers on-site installation training and ongoing technical support. And from project planning to logistics to installation, we are dedicated to customer service.





### Aesthetic Design

A wide range of adjustment makes it easy to install a straight, level system. Components are designed to blend into the array, and the aesthetic skirt creates a finished look. Alternatively, a skirt free option is available to provide a more traditional look.



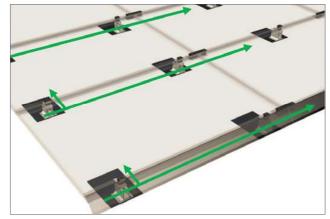
### Flexible System Design

The EcoX Estimator is a powerful racking system design tool. The user inputs all site conditions and can layout multiple roof surfaces. The EcoX Estimator outputs a site specific design package with engineering specs and bill of materials.



### Cable Management

Whether installing with Microinverters, Power Optimizers, or String Inverters, EcoX provides wire management provisions to both prep the modules, and to route homerun or trunk cables throughout the array.



### Single Point Grounding

EcoX and approved modules create a continuously bonded system. The installer can connect a finished array to ground with a single bonding lug.

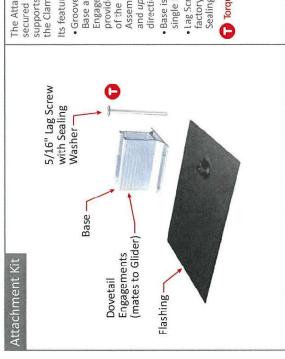
Technical Specifications	
Materials	Racking components: Aluminum, stainless hardware, dark bronze anodized upper surface, mill finish lower surfaces Flashings: Aluminum, black powder coated finish
Grounding/Bonding Validation	UL2703 - see installation manual for specific module approvals
Fire Resistance Validation	UL2703 - Class A, Type 1 and Type 2 modules
Mechanical Load Validation	UL2703 - see installation manual for specific module approvals
Flashing Validation	ICC-ES AC286/UL441 Rain Test for Roof Flashing
Adjustability	1" vertical range, 3.5" North/South range, connect anywhere in East/West direction
Warranty	15 years

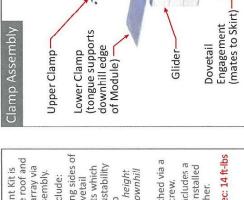
www.ecolibriumsolar.com

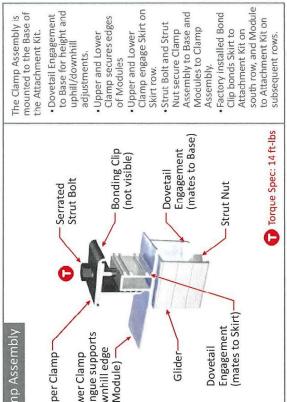


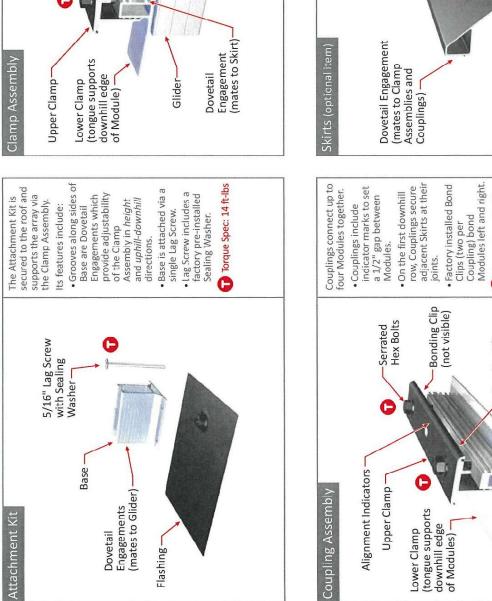


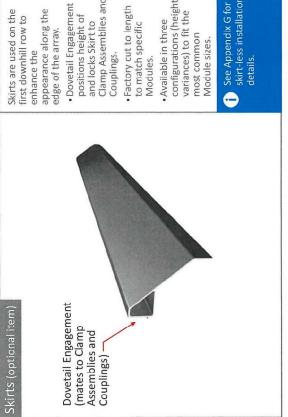
## **EcoX Components**











Torque Spec: 14 ft-lbs

Bonding Clip (not visible)

Dovetail Engagement (mates to Skirt) -

See Appendix G for skirt-less installatio details.

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Power Accessory Bracket mounts a micro-inverter or power optimizer to the Module.

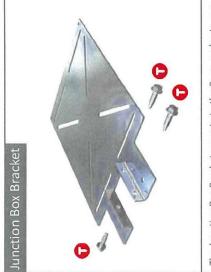
• The serrated teeth ensure a secure connection to the module.

- The Power Accessory Bracket bonds the micro inverter power optimizer to the Module.
- Torque Spec: 14 ft-lbs



The Row to Row Bonding Clip bonds each row of modules to the next.

- Bonding Clip is added to the uphill side of one clamp per row.
   For systems using the skirt, Bonding Clip bonds skirt to first row of Modules.



The Junction Box Bracket mounts to the Base, and acts a support for a Junction Box.

• Can be installed to any base.

• Can be installed before or after modules are installed.

- Torque Spec: 10 ft-lbs

Serrated Strut Bolt Strut Nut (partially visible) Bonding Clip (not visible) 0 0 End Clamp Upper End Clamp-

Bonding Clip (not visible) Serrated Hex Bolt Lower End Coupling Bonding Clip-(not visible) Upper End Coupling Upper End Clamp secures module.
Integrated bonding clip bonds module to clamp and Attachment Kit.

Torque Spec: 14 ft-lbs The End Clamp is mounted to the base on the downhill row, and may be used in place of the Skirt for a Skirt-Free installation.

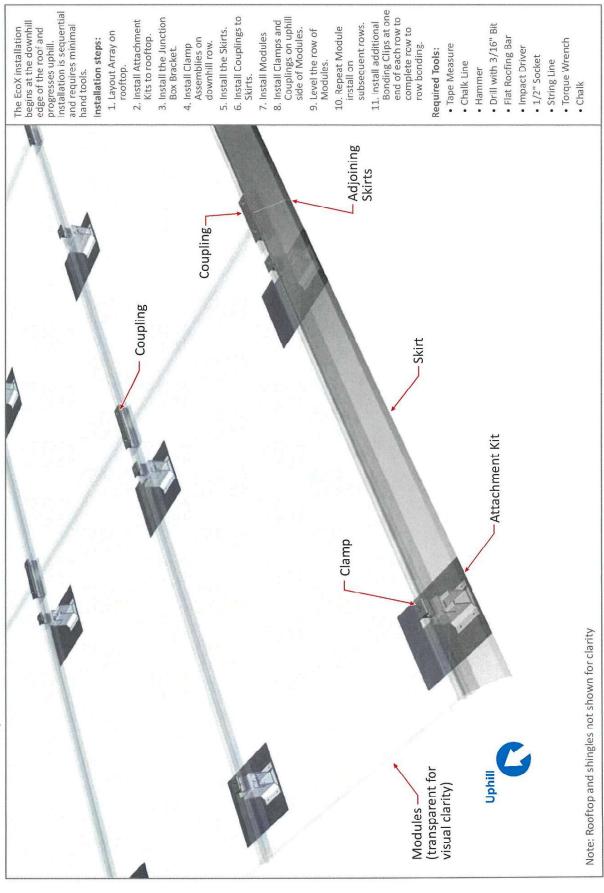
• Dovetail Engagement to base for height and uphill/cownhill adjustment.

• End Couplings include indicator marks to set a ½" gap between Modules. End Coupling connects two modules left to right. Torque Spec: 14 ft-lbs Factory installed Bonding Clips (two p End Coupling) bond modules left to right End Coupling

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# Overview of Components



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