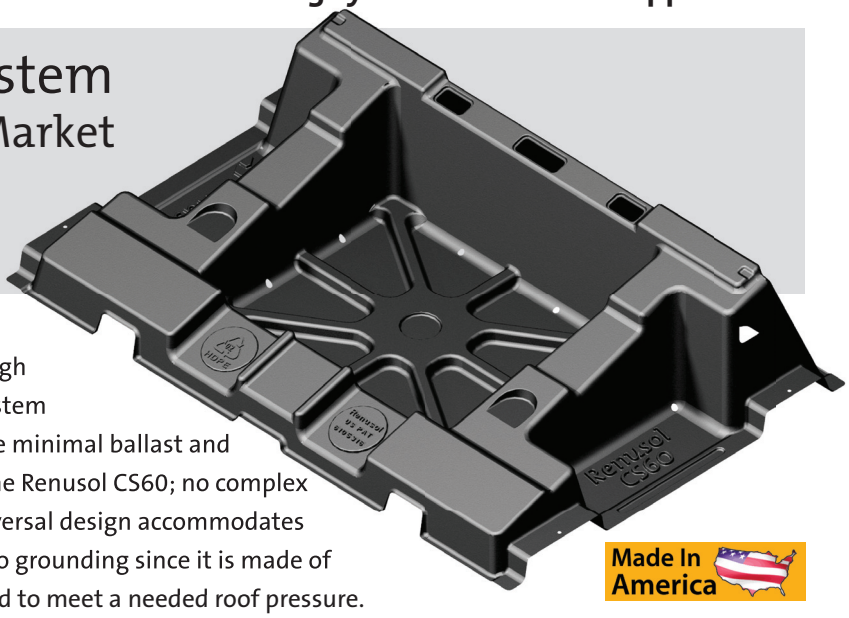
Renusol CS60

Ballasted Mounting System For Flat Roof Applications

A One Piece Mounting System
With The Lowest Price In The Market

Call Us Today And Compare
+1 877 847 8919



Made In America

The Renusol CS60 is a one piece PV mounting system for flat roof applications and is made from a 100% recycled high molecular weight polyethylene (HMWPE). This durable system transports easily and sets up quickly. Most projects require minimal ballast and no roof penetration. One PV module mounts directly to one Renusol CS60; no complex project design or complicated assembly required. The universal design accommodates all common PV modules. The mounting system requires no grounding since it is made of non-conductive material. Project design can be customized to meet a needed roof pressure. The simplicity of the Renusol CS60 saves installation time and reduces overall project costs.

The Renusol CS60 Benefits

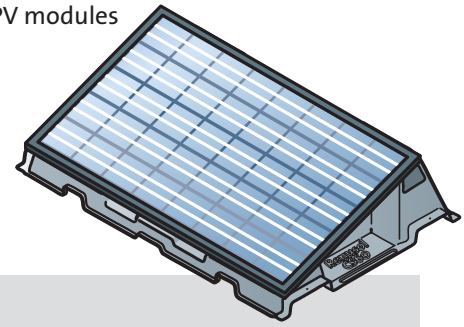
Quick, Easy and Cost-Efficient Install
- Complete kit in 1 box
- Installs in a few easy steps
- Minimal parts
- 1 Renusol CS60 = 1PV Module
- PV panel mounts directly to Renusol CS60
- Non-conductive material

Safety and Security
- Wire management channels
- Theft deterrent PV attachments
- Evenly spreads weight across roof surface

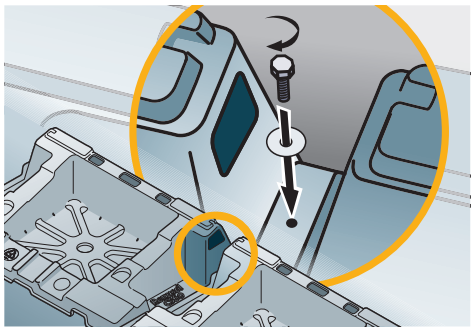
Reliable and Environmentally Sound
- 100% recycled and recyclable
- Impact and UV resistant
- Most comprehensive wind tunnel testing to date (up to 150 mph)
- Integrated air foil minimizes ballast
- Made In America

Product and Project Support
- Project specific engineering documents
- Expert technical support

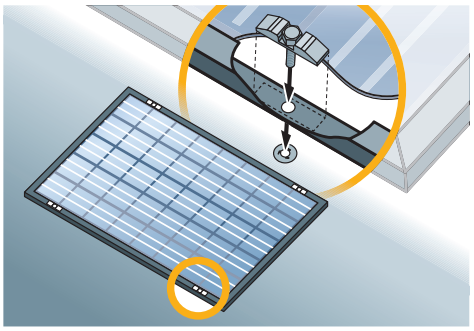
Flexible
- Simple to design projects
- Stackable, easy to move and ship
- Design customizable to meet roof pressure limitations
- Fits common aluminum framed PV modules



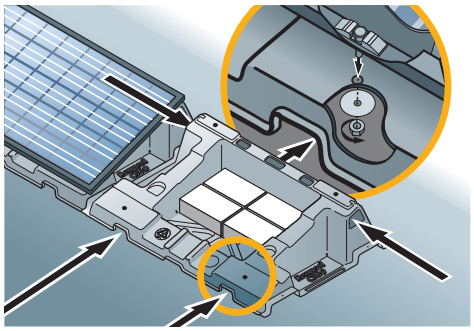
Installation Steps



Fasten East-West, add ballast if needed



Install T-Washer on module frame



Fasten panel to Renusol CS60

Renusol
Solar Mounting Systems

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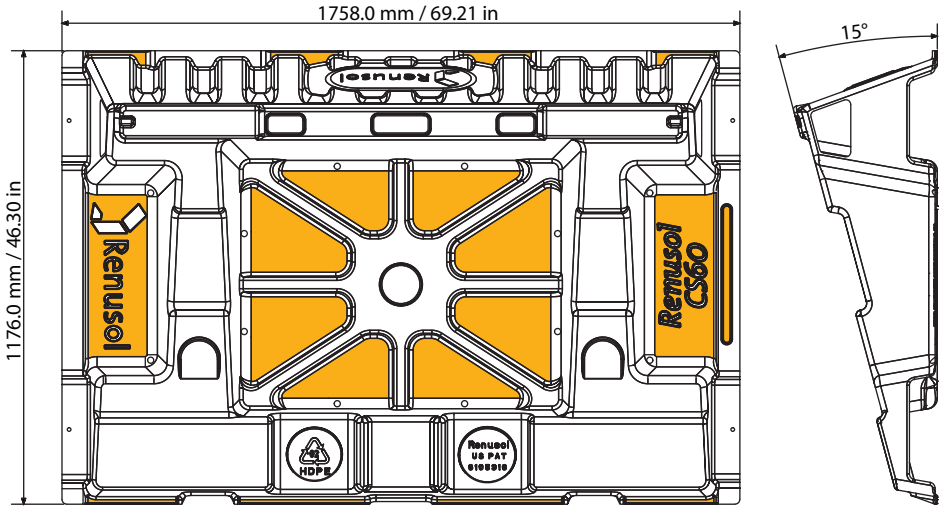
Renusol CS60

Ballasted Mounting System For Flat Roof Applications

TECHNICAL SPECIFICATIONS

General	
System	Ballasted flat roof system compatible with optional roof anchoring
Materials	100% Recycled HMWPE (High Molecular Weight Polyethylene)
Tilt angle	15°
Roof pitch range	0° to 5°
Product weight	19 lbs
Product footprint load	0.90 psf
Product ballast size	Solid concrete blocks 4"x8"x16" typical
Ventilation	Air flow through ventilation slots on top, bottom and sides
Modules	
Type	For PV modules with aluminum frames
Size Range	Up to 1020 mm wide and up to 1702 mm long
Orientation	Landscape
Testing and Performance	
Wind testing	Wind tunnel tested in accordance with ASCE 7-05
Maximum wind performance	Up to 150 mph
Support	
Product warranty	25 years
Training	Yes. On-site upon request
Support	Telephone, email and on-site



About Renusol

Renusol America is a leading innovator in flat-roof and pitch-roofed mounting systems for Solar PV modules in the US solar industry. Renusol America provides sales, service, and customer support from its headquarters in Atlanta, Georgia and operates full-scale ware-house and distribution facilities across the country. In 2011 Renusol America introduced the groundbreaking, American-made Renusol CS60 – the first one piece mounting system for PV panels - combining a heritage of German engineering with American innovation and production. The company is part of the CentroSolar Group, a publicly traded company on the German stock exchange, and is a wholly owned subsidiary of Renusol GmbH, a market leader in Europe with more than 500MW of solar power mounted on Renusol systems.

Renusol Solar Mounting Systems

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FAQs

Are roof protection mats required?
The Renusol CS60 has no sharp edges that contact the roof. Slip sheets may be required if it is needed to increase the friction coefficient.

Is grounding required?
The Renusol CS60 base is made of non-conductive material and requires no grounding.

Is anchoring required?
Projects in seismic areas or modules mounted in high wind zones may require roof anchoring. The Renusol CS60 is designed to easily attach to these anchors.

What material can be used as ballast?
It is recommended to use solid concrete block commonly found at local building supply companies.

Was wind analysis done by computer simulation or physical testing?
Physical testing in a wind tunnel was performed in accordance with ASCE 7-05 to ensure the Renusol CS60 performs well in the field.

Is the material UV resistant?
The Renusol CS60 base is made of recycled HMWPE (High Molecular Weight Polyethylene) with UV stabilizing agents that give it excellent UV resistant characteristics.

How long is the warranty?
The warranty period is 25 years. See “Renusol America 25-year Limited Product Warranty” for full details.

How many have been installed to date?
Over 1,000,000 modules have been installed with this type of product through our parent company in Europe. The first large scale installations began in 1996.