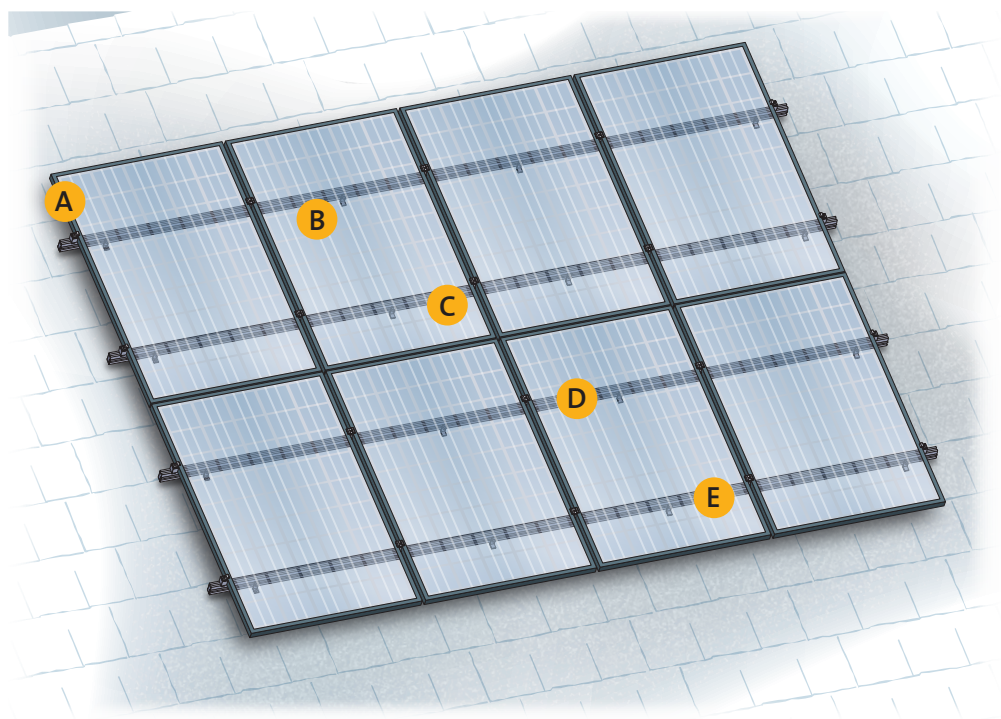


FEATURES



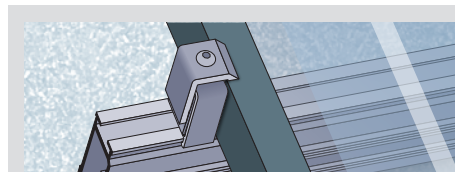
The Renusol VS system provides a simple, fast and cost effective mounting solution for PV modules on pitched roofs.

- Just one end clamp and one mid clamp part number simplifies inventory and project planning.
- Pre-assembled clamps, fastener-free splice connectors, and slide-free L-feet minimize installation time.
- Stainless steel hardware and 6000 series aluminum rails provide strength and long product life.
- High strength-to-weight ratio rails design keep cost low while allowing long spans.
- WEEB-CCR offers continuous grounding of panels to rails.
- T-bolts allow for additional components to attach anywhere along the top or side of the rail.



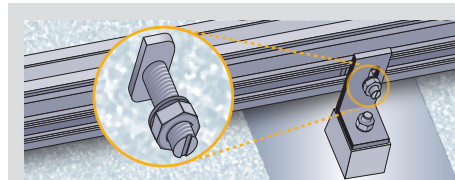
About Renusol

Renusol America is a leading innovator in flat-roof and pitched-roof mounting systems for solar PV modules in the US Solar industry. Combining a heritage of excellence in German engineering with American innovation, Renusol America has experienced exponential growth since its launch and is now among the top rooftop mounting solution providers in the US, with systems installed in 34 states. Renusol America provides sales, service and customer support from its headquarters in Atlanta, Georgia and operates full-scale warehouse and distribution facilities across the country. Renusol is part of RBI Solar, a market leader in ground mount and carport PV systems.



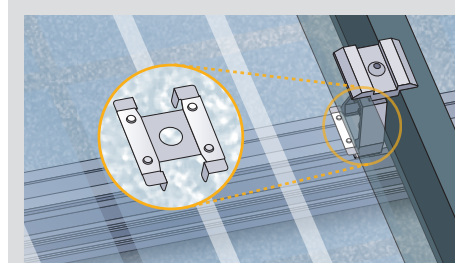
A End Clamp

- Clamp Range: 30 to 50mm
- Fits 97% of all modules



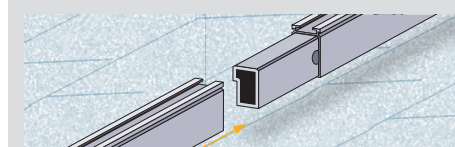
B L-Foot

- Insert anywhere without sliding
- Offset T-bolt slot for easier mounting or fastening
- Bolt alignment indicator ensures proper alignment



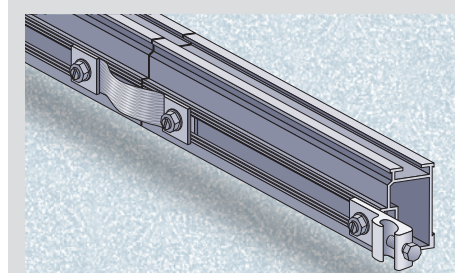
C Mid Clamp

- Clamp range: 30 to 50mm
- Fits 97% of all modules
- WEEB-CCR provides continuous grounding of modules to rails



D Splice Connector

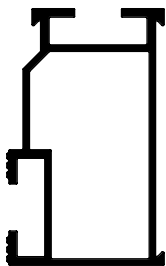
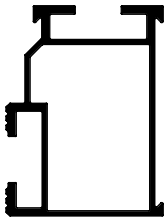
- Preset rail gaps for thermal expansion
- No fastening equals quick installation



E Rail

- Continuous spans up to 11 feet
- Rail approved for top and side mounting of WEEBs

TECHNICAL SPECIFICATIONS

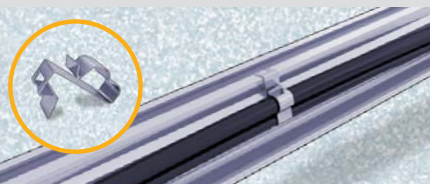
Product Name	Renusol VS-C (Commercial) Rail	Renusol VS-R (Residential) Rail
Image		
Application	Commercial requiring long spans or residential with high snow/wind loads	Residential with low snow/wind loads
Materials	6063-T6 aluminum with 304 stainless steel fasteners	
Roof Pitch Range	1:12 to 12:12 Slopes / 5° to 45° Slopes	
Spans (ASCE-7-10)	Up to 12 feet	Up to 9½ feet
Module Type	60 and 72 cell	60 and 72 cell
Orientation	Landscape or Portrait	
Standard Stamps	ASCE 7-05 and 7-10	ASCE 7-10
Wet Stamps	Project-specific wet stamps available for nominal fee	
End Clamp Range	One size adjustable end clamp fits modules 30mm to 50mm thick	
Mid Clamp Range	One size adjustable mid clamp fits modules 30mm to 50mm thick	
Grounding	ETL listed to UL 467	
UL Compliance	Certified to UL1703 Class A Fire rating for Type 1, 2, and 3 PV modules	
Warranty	10 years	
Support	Telephone, e-mail and on-site	

ACCESSORIES



Grounding Equipment

- WEAB lugs & jumpers attach to the top or side of the rail using T-bolts



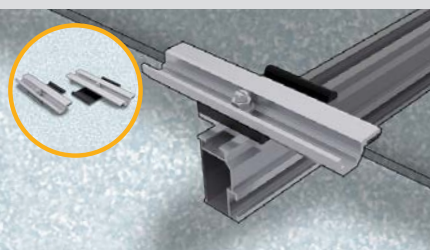
Wire Management Clips

- Designed to hold PV and microinverter cables



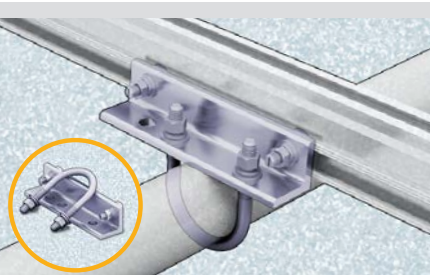
Microinverter Hardware

- T-bolt kits can be used to connect microinverters and other similar items directly to the side or top of the rail



Stion Frameless Module Clamps

- Designed for 5.8mm to 6mm Stion modules



Ground Mount Adapter

- This accessory allows for a connection of the Renusol VS rail to schedule 40 pipe.
- Two sizes available for varying pipe diameters