

SCIROCCO® – an innovative solution for low impact and low ballast flat-roof PV installation.



Features:

- Non-penetrating, light-weight, proven and bankable (over 1MWp of installations in Ontario).
- Each SCIROCCO system is engineered, taking into account the specifics of each project.
- Low ballast, a SCIROCCO-based PV array (panels, mounting system and ballast) generally weighs approximately 3 to 4 psf.
- SCIROCCO systems are engineered and manufactured in Ontario.
- Independent of the solar panel, hb Solar has utilized over 100 different panels with SCIROCCO.
- Easy and quick to assemble, SCIROCCO back panels are pre-assembled, thus reducing installation time.
- Wind-tunnel technology tested by RWDI in Guelph.
- Every system comes with stamped drawings from an independent engineering firm.
- Available in inclinations of 10, 15, 20, 25 and 30 degrees. All aluminum and stainless steel.

Low overall system weight and modular concept

- Lowest impact on roofing surface, mainly line loads
- Rubber pads separate the array from the roof
- Quick and easy to move when access to roof is required
- Quick decommissioning and fully recyclable

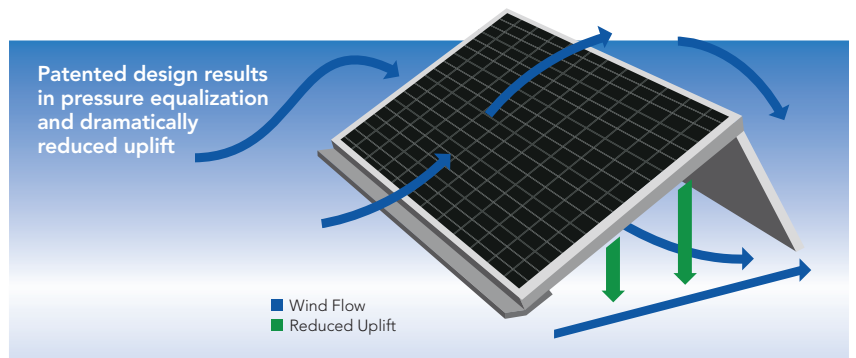
Each PV array is designed individually by hb Solar

- Supplied system “fits like a glove”, no surprises on site
- Scirocco gets supplied in stackable 20ft transport racks, easy to stage, easy to move
- Environmental factors determine our design (wind, snow, exposure, local wind pressures, building height, etc.)

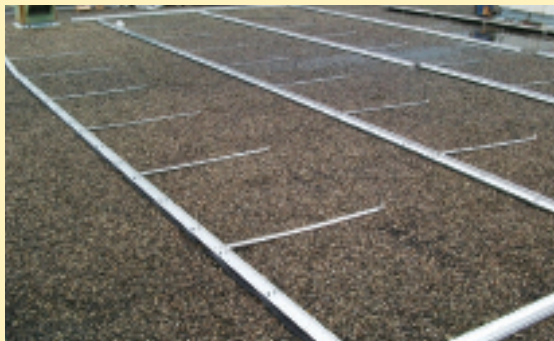


Focus on quality and backed by extensive experience

- Every system comes with a 10-year transferrable warranty
- We draw on 50MWp of project experience!

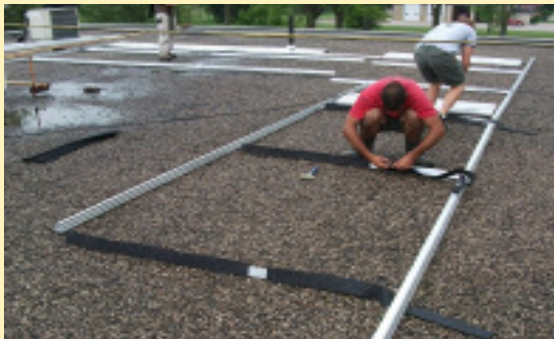


SCIROCCO installation process



Step 1

Lay out main SCIROCCO members on roof in accordance with Module Layout drawing prepared by hb Solar Canada Inc. Connect main grid as instructed in the hb Solar Installation Manual.



Step 2

Install roof protection mats under all aluminum members and prepare for connection of back panel assemblies to aluminum straps.



Step 3

Lay out ballast blocks in conformance with the project specific Engineered Ballast Plan provided by hb Solar. Tilt up back panel assemblies in preparation for module installation.



Step 4

Module wiring is completed while module pivots on brackets provided. With cabling complete, modules are clamped to front and back rails.



solar canada inc.

innovation for flat-roof PV

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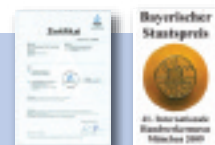
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The hb Solar SCIROCCO system has been certified by TÜV and received the highest award by the German State of Bavaria