



OPERATIONS & MAINTENANCE

- Carport systems should be installed according to engineers' specifications and drawings. In doing so, no components are damaged.
- Thoroughly inspect the racking system every 12 months for any signs of corrosion on piles at ground level and up through rack structure. Included in this inspection are all hardware, solar frame L-brackets and panel clamps.
- If any sign of corrosion is detected, thoroughly brush and clean surface and apply a cold zinc compound paint over affected area.
- Thoroughly inspect connections for loosening of nuts and screws. If any nuts or screws are found to be loose, or if there are visible gaps between the bolt and the structure, tighten to specifications on engineer's drawings.
- Thoroughly inspect for solar panel L-brackets to ensure them to be securely holding panels and solar purlins.
- Any signs of panel frame or L-bracket movement tighten bracket to secure panel. If necessary, move or replace bracket enough to ensure the panel is fixed securely.
- Knee braces and mid span stringers should all be inspected to tight connections and mountings preventing any movement of rack components. If any locations are found to have movement, tighten or re-attach per engineers' drawings.
- Cleaning requirements will vary based on local conditions & individual owner maintenance programs. Orion Solar Racking recommends a cleaning interval of every 18-24 months.
- Twice per year, in the Fall (October) and Spring (April), inspect for debris on top of the rack structure. If any is found, sweep or blow off.