

# Solar Panel Cleaning Robot

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## Purpose

- To perform automated cleaning of solar panels with minimal maintenance and without the use of water.



## Function

- The frame of the robot traverses horizontally along the solar panel(s) in increments, stopping along the way
- During these stops, a carriage on top of the frame is driven up and down the frame through the use of a pulley system
- Attached to the carriage is a spinning brush that cleans the solar panel as the carriage traverses up and down the solar panel