Frequently Asked Questions

Solar Panel Cleaning Robot



Q What are the main features and key concept of the robots?



0

To be able to clean solar panels without any water at all, yet still be able to restore power generation to the same high level as manual cleaning with water. Also, to be light and portable enough so that one robot can be used in remote installations for cleaning multiple panels, thereby reducing cleaning costs.

What is the price per unit, and how many units would I need?

We design the systems based on the individual technical needs and layout of each solar plant. Please feel free to contact us directly for Quotations.

• Which countries, or geographical areas can the robots be used in?



Our robot is designed to clean away the dust and sand found in arid, desert areas, where there is little rainfall and low humidity. Please check the location and climate of the environment in which you are planning to use the robot, and feel free to contact us with any queries.

Q Can the robots be used to clean caked on dirt from rain and dew, or bird droppings?

Under certain circumstances it may be difficult for the robot to completely remove dirt that is caked onto the solar panel. For removal of this kind of soiling, please consider using the robot in combination with another cleaning method.



A

Is the installation of guiderails or any additional equipment necessary for the robots to operate?

No additional installation is required.

MIRAI



The robots were originally designed for modules with frames; however, they are also suitable for some types of frameless modules. Please contact us for further details.

Q

Which robot model would be most suitable for my solar panels?



0

Our Type 1 robots are primarily for rooftop installations. They work particularly well for mid-size installations over 1MW. The Type 2 has been designed for ground-mounted mega-size solar installations, and the Type 4 is designed for single-axis tracker arrays. For more details, please see our Product Information.

What is the warranty period on the robots?

All our robots come with a 1-year manufacturer's warranty.