



## Solar Cleaning Robot

# ESCR

## Tests

- 1- It has been tested and certified for not scratching the solar panel from the national institute of standards led by the higher education and scientific research ministry.
- 2- It has been tested for different types of sands, natura dust, construction sand, desert sand, and wet sand. It has efficiently cleaned all these types of sands without even scratching the panel.
- 3- The robot has witnessed accelerated test and it worked 6 months by doing continuous cycles

## Features

- 1-Robot running along the edge of PV array, additional walking guide rail is not required
- 2- Using high speed rotating microfiber towels, all the accumulated dust is thrown away without scratching the solar panel.
- 3- Robot typical speed is 6 m/min, and can be controlled (increase/decrease) from the electrical front panel.
- 4- The source of power is either a battery or utility grid.
- 5- Work continuously 2-2.5 hours by battery. And can be increased based on needs.
- 6- Possible to extend the length of the robot up to 8 meters based on the site requirements.
- 7- It starts working from its parking space at the start of the string and reaches the end of the string then goes back to the parking space

## Warranty

1Year

## contact us