

# SolarCleano

developed by cleaners

T: +352 28 80 69  
info@solarcleano.com

## Increasing the solar energy output While saving money

With the highest cleaning capacity on the market, the SolarCleano is a quick and efficient solution for cleaning solar panels.

SolarCleano can be separated into 4 parts, the heaviest can be carried by one person. Thus, the robot has been engineered to be mounted, unmounted and transported by a single person. Installation is meant to be fast and easy with few steps to follow.

The robot is battery-powered and controlled from ground level thanks to a remote control.

SolarCleano is efficient on all solar panel types. The size of brushes (1,2m or 2,2m) enables minutious cleaning of the panels' sides. To enhance the efficiency of the brushes, they have been fitted with two different fiber types and a helicoidal form, not leaving any trace. Thus, the solar panels regain their fullest efficiency.

## Born by associating theory and practical experiences



Already in 4 continents



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## Camera for remote operation



**Better safety**  
 No work at  
 Height required.  
 Easy handling

**Remote control**  
 Range of 200m  
 Autonomy of 22h  
 Water resistance  
 IP65



Connects to standard garden hoses of 13mm diameter & 2 bar water pressure

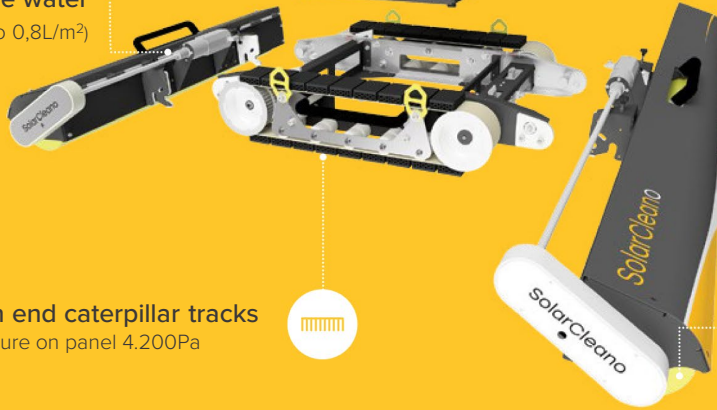


1) Water free system  
 2) Exchangeable nozzles to adjust the water consumption (0,2 to 0,8L/m<sup>2</sup>)



## Central electric switching box

Power supply by battery of Lithium 490W with an autonomy of 2h30min



**High end caterpillar tracks**  
 Pressure on panel 4.200Pa



**Helicoidal brushes** from 1,2m to 2,2m with 2 bristle types. Dry & Wet cleaning



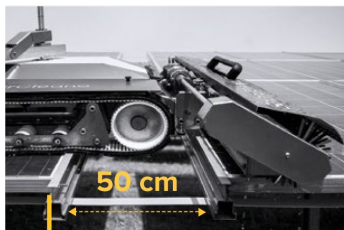
**Certified NO Microcracks** after Electroluminescent test.

**Climbing capacity**  
 Fits most of the installations



## Fully modular design

4 parts for easy transportation. Can be operated and transported by a single operator. Montage duration: 3min



**Crosses easily any gap**  
 Up to 50cm

**Speed**  
 40m/min

## Various types of brushes

From 1,2m or 2,2m width, some larger than panel's dimensions.

- Pollen
- Soiling
- Lichen
- Bird droplets



## FASTER THAN OTHER ROBOTS ON THE MARKET

Cleaning surface with 1,2m brush: 1.000m<sup>2</sup>/h  
 Cleaning surface with 2,2m brush: 1.500m<sup>2</sup>/h



## MACHINE DIMENSIONS AND WEIGHT

Length 1450mm  
 Width 1300mm  
 Height 350mm

**One year warranty with dedicated after sale service**

