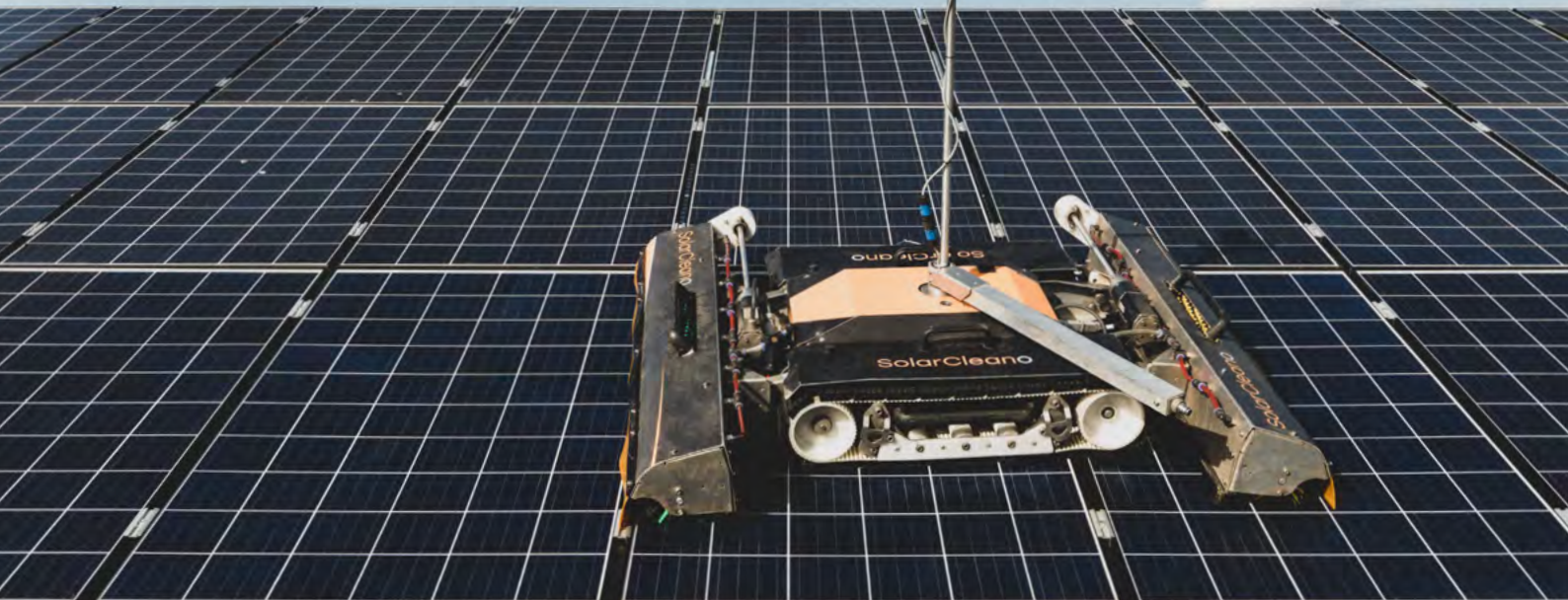


Born by associating theory and practical experiences



Already in 5 continents



SolarCleano

developed by cleaners

Follow us

[solarcleano](http://solarcleano.com)



Increasing the solar energy output while saving money

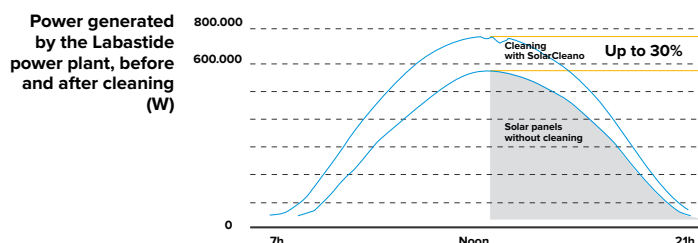
The SolarCleano F1 is a solar panel cleaning robot with the highest cleaning capacity on the market.

The robot is fully modular. It can be dismantled into 4 parts and can be easily carried by one person. The assembly and disassembly of the robot can be completed within a few minutes.

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

The SolarCleano F1 is suitable for all solar installations.

The 1.2m or 2.2m brushes enable precise cleaning of solar panels and frames. They have been fitted with two different fibre types in helicoidal pattern, boosting cleaning efficiency without leaving any trace.



The sunlight reflection effect by dirt decreases the absorption of solar energy on the photovoltaic cells

LED lights system for cleaning in nighttime conditions



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 13-15mm in diameter & of 2.0 – 8.0 bar water pressure



Central electric switching box

Power supply by battery with an autonomy of 4h

1) Water-free system
2) Valves to adjust water consumption



SolarCleanso F1

High end caterpillar tracks
Pressure on panel 4.200Pa

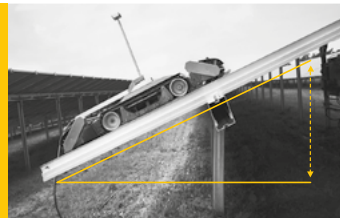


Helicoidal brushes of 1.2m and 2.2m with 2 bristle types
Dry & Wet cleaning



Certified NO microcracks after Electroluminescent test

Specialized pads to clean at 25° angle with water



Various types of brushes

1.2m and 2.2m in width, some larger than the panel's dimension



Pollen



Lichen



Soiling



Bird droplets



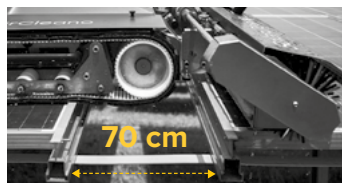
FASTER THAN OTHER ROBOTS ON THE MARKET

Cleaning surface with 1.2m brush: 1,000m²/h

Cleaning surface with 2.2m brush: 1,500m²/h

Fully Modular Design
4 parts for easy transportation

One robot - 1.5 MW
- 1 day - 1 person



Easily crosses any gap up to 70cm

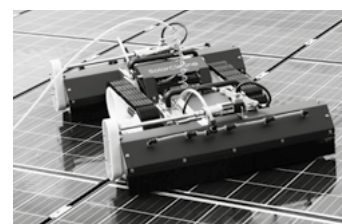
Speed up to 1,600m²/h

MACHINE DIMENSIONS

Length 1,450mm
Width 1,300mm
Height 350mm

Transporter T1

Speed up to 54m/min
Goes up any slope
Platform height from 1.53m to 1.88m



SolarCleanso M1

Speed up to 30m/min
Maximum cleaning capacity 800m²/h

One year warranty with dedicated after-sales service