

# SolarCleano

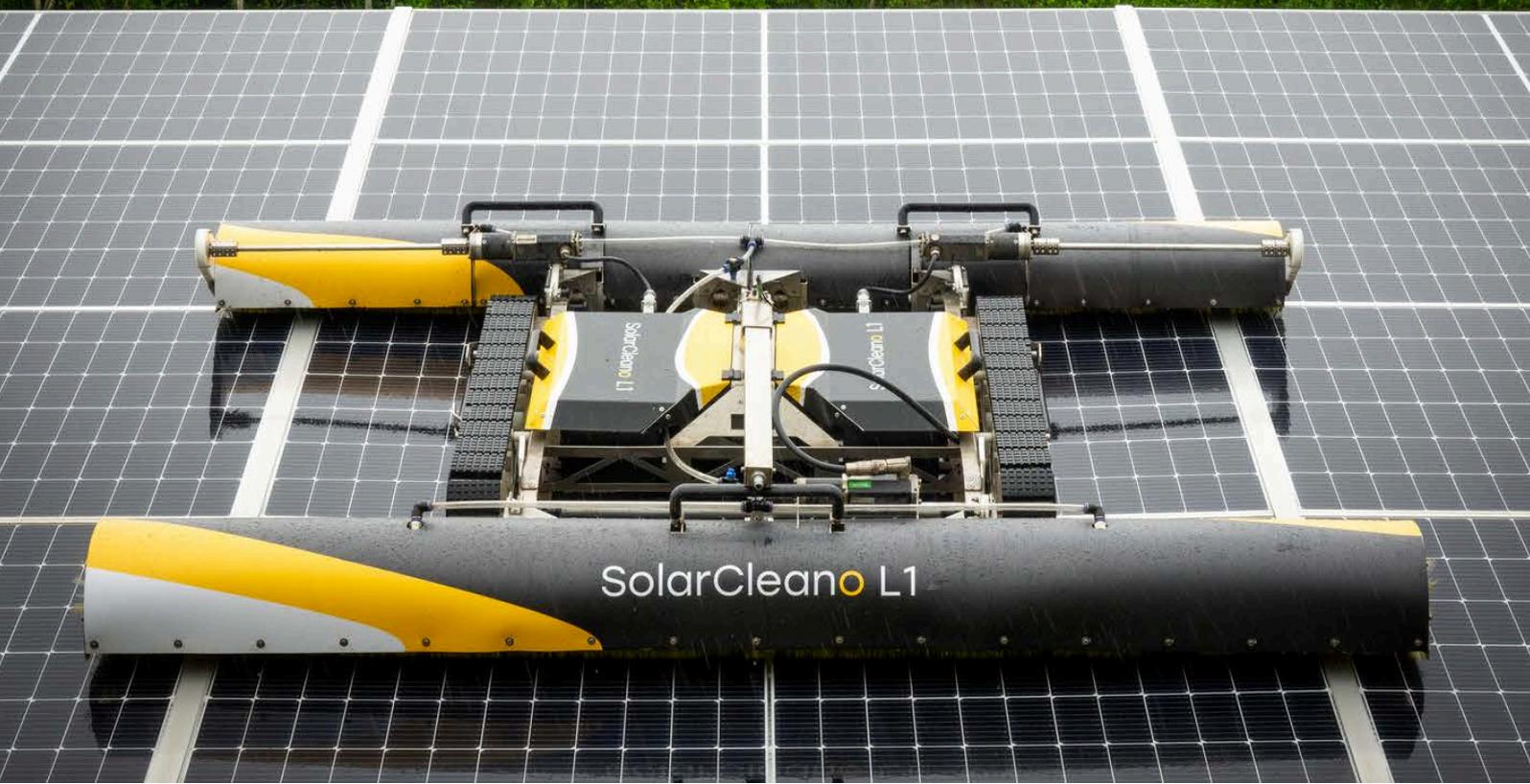
developed by cleaners

# Technical Data Sheet SolarCleano L1

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# Description

The SolarCleanso L1 is our fastest and very efficient solution for cleaning solar panels. The robot has been designed to be fully controlled by one person.

- The SolarCleanso L1 can be separated into 3 parts. Therefore, it can be assembled, transported and disassembled by one person using transport equipment.
- The robot is battery operated and remotely controlled from the ground thanks to its camera.

The SolarCleanso L1 is efficient on all types of solar panels such as rooftops, carports or ground-mounted installations (especially for trackers-1P). It is guaranteed for 12 months.

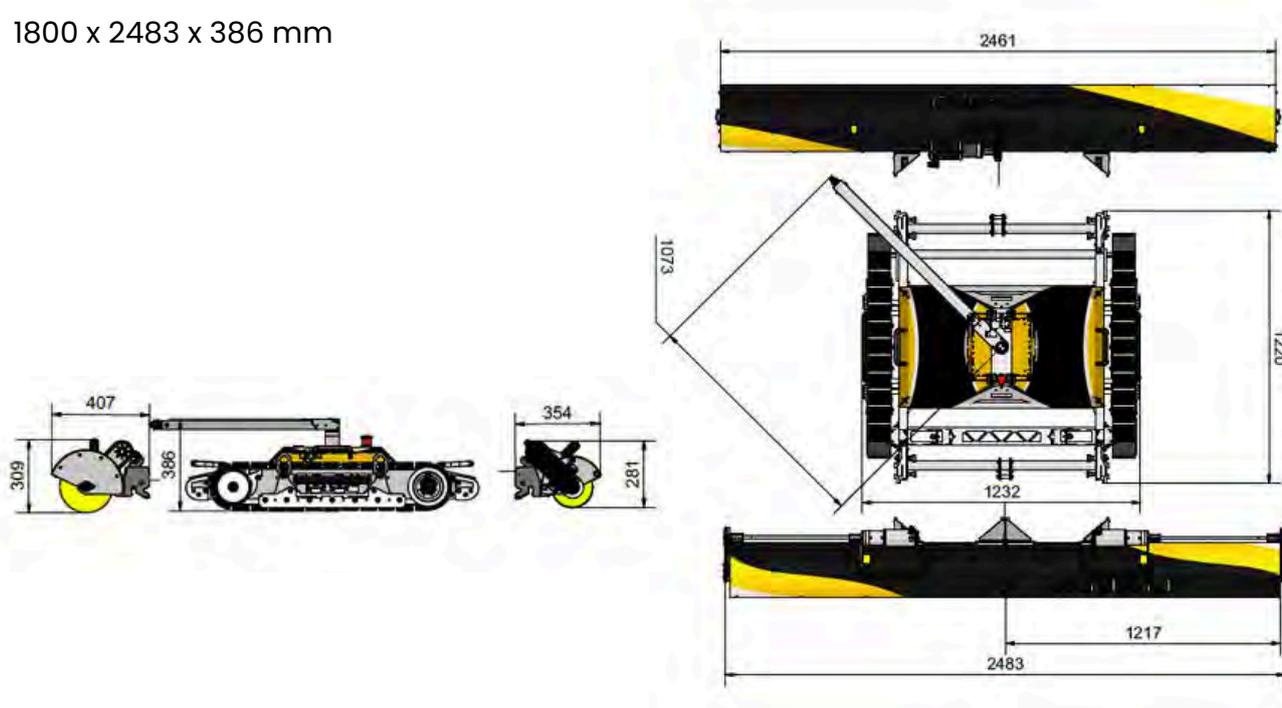
- The size of the brushes (larger than the market average: 2.45m) allows for thorough cleaning. The two different types of fiber and their helical shape facilitate the cleaning and leave no trace. Then, the cleaned panels achieve full efficiency.
- It can perform both wet and dry cleaning.



# Dimensions & Brushes

## Chassis dimensions

1800 x 2483 x 386 mm



## Brushes

Brush length

2.45 m

Brush diameter

0.17 m or 0.22m

Brush rotation speed

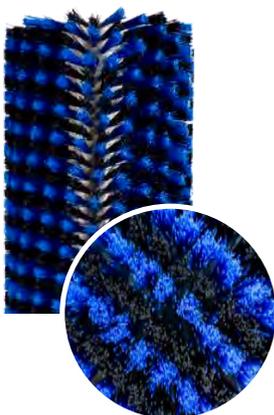
200 RPM

Motor

Brushless

## Types of bristles

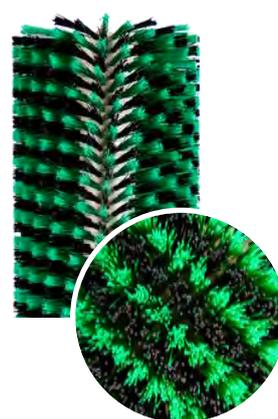
Soft



Standard



Hard



# Other Technical Features

## Weight

Total weight 110 kg

## Movement system

Speed Up to 40 m/min  
Cleaning capacity 2000 m<sup>2</sup>/h  
Climbing capacity 26° (49%)

## Battery

Quantity 2  
Type Batt Lithium Ion 25V – 35Ah  
Total autonomy 4h  
Charger capacity 12A  
Charging time 4h

## Remote control

Frequency 2.4 GHz  
Autonomy 24h  
Max. distance 200 m  
Protection rating (water) IP65



## Options

Water cleaning	Yes
Camera	Yes
Lights	Yes
GPS tracker	Yes

## Water

Consumption	12 L/min on average
Pressure	Min. 3 bar and Max. 10 bar
Hose Diameter	Min. 13 mm

## Camera

Quantity	2
Night vision	Yes
Resolution	1920 x 1080P (Full HD)
Max. distance	200 m
Frequency	2.4 GHz

## Lights

Quantity	2
Electrical tension	24V
Protection rating (water)	IP67

