

SolarCleanso

developed by cleaners

Technical Data Sheet SolarCleanso L1



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ZARO 2-4 rue Gustave Loosé,
L-8346 Grass - Luxembourg

T: +352 288 069 - info@solarcleanso.com

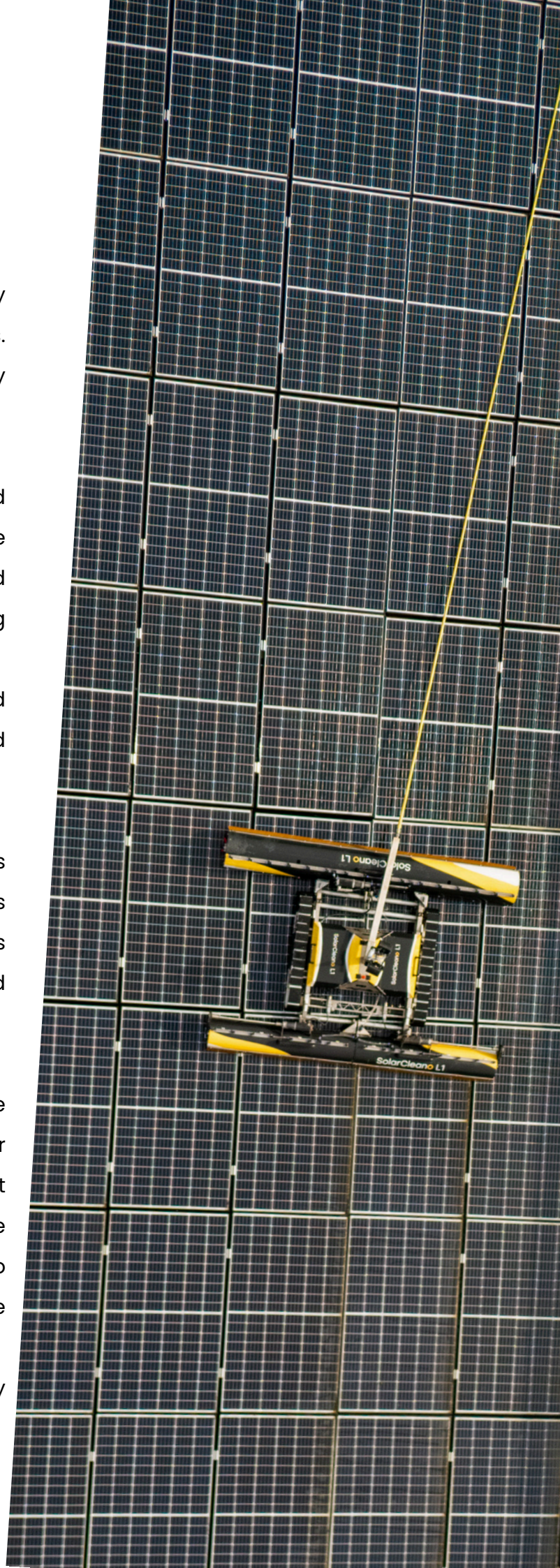
Description

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.

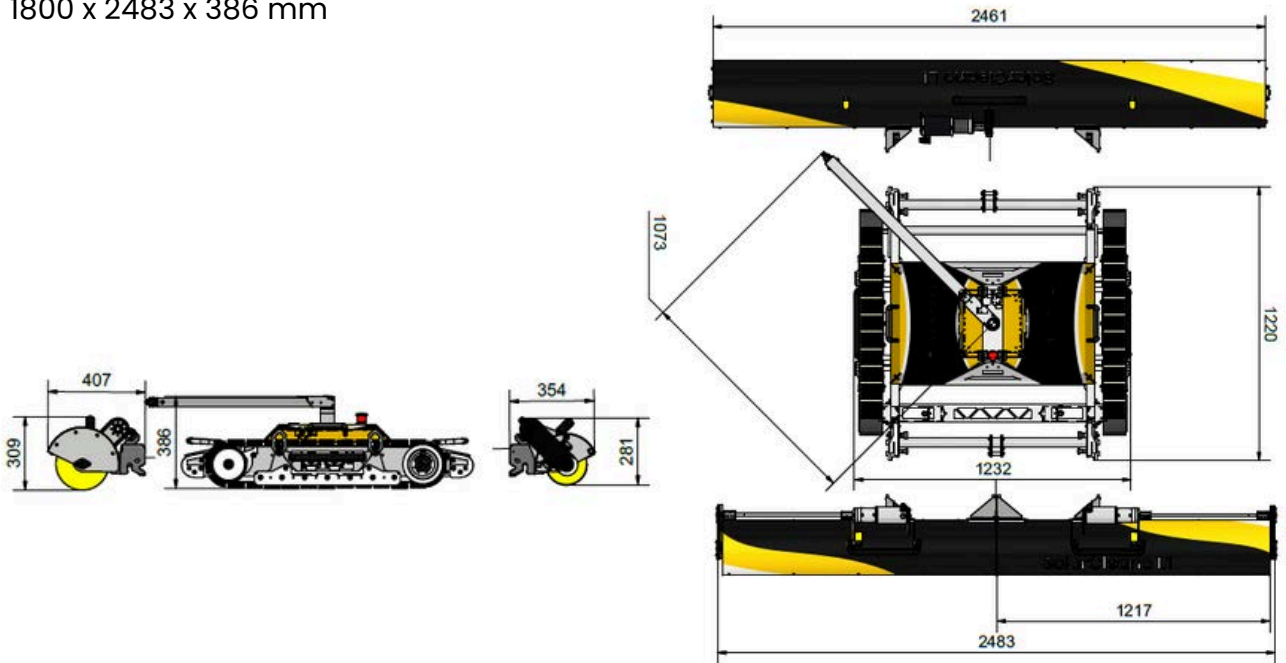
- The size of the brushes (larger than the market average: 2.45m) allows for thorough cleaning. The two different types of fiber and their helical shape facilitate the cleaning and leave no trace. Then, the cleaned panels achieve full efficiency.
- It can perform both wet and dry cleaning.



Dimensions & Brushes

Chassis dimensions

1800 x 2483 x 386 mm



Brushes

Brush length
Brush diameter
Brush rotation speed
Motor

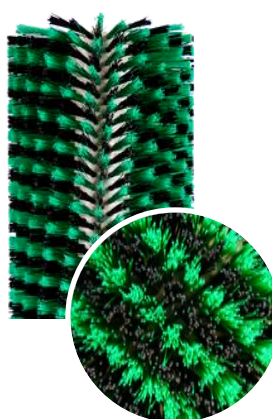
2.45 m
0.17 m or 0.22m
200 RPM
Brushless

Types of bristles

Standard



Hard



Very Hard



Other Technical Features

Weight

Weight (without battery)

120 kg

Movement system

Speed

Up to 40 m/min

Cleaning capacity

2000 m²/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

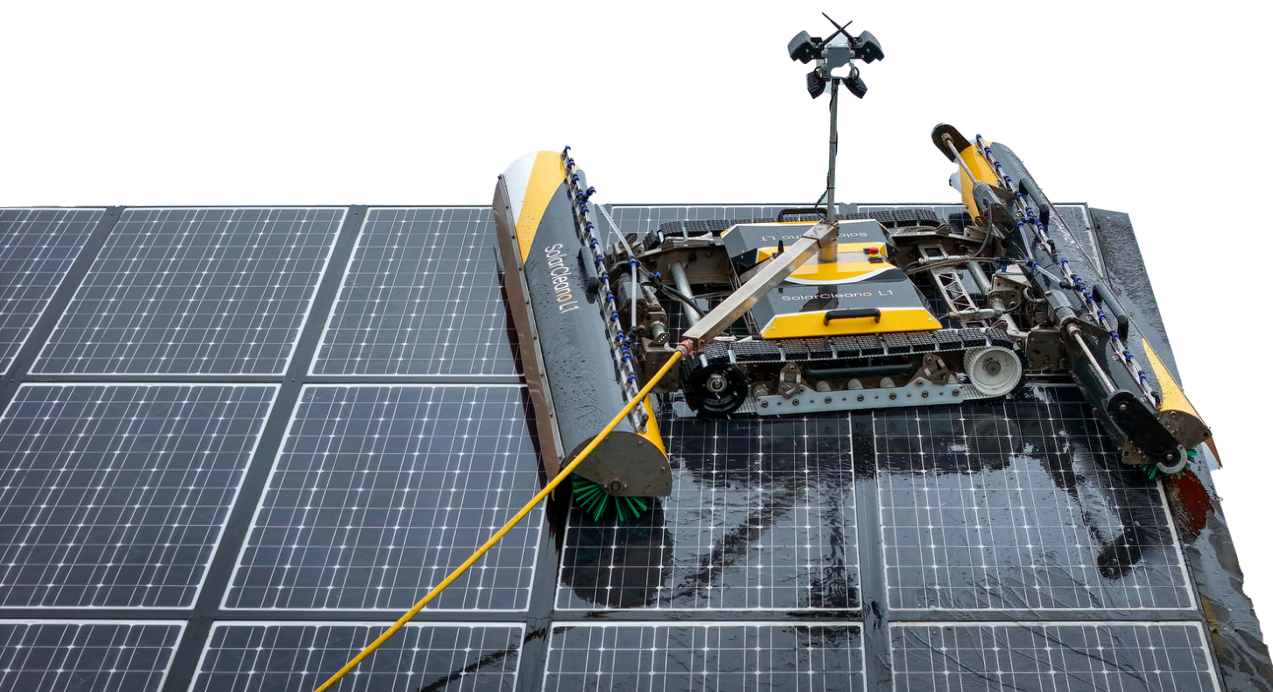
Consumption	12 L/min on average
Pressure	Min. 3 bar and Max. 10 bar
Hose Diameter	Min. 13 mm

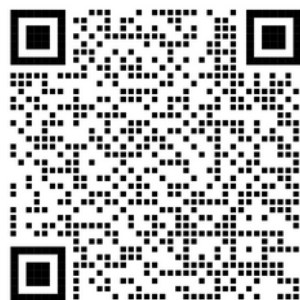
Camera

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





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