

PRODUCTS CATALOG

SolarCleano

Distributed by



*The one-stop shop for all your solar cleaning
& maintenance needs*

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General overview



<u>F1</u>	<u>M1</u>	<u>L1</u>	<u>T1</u>	<u>B1</u>	<u>B1A</u>
Remote	Remote	Remote	Remote	Remote	Autonomous
1120 m²/h	600m²/h	2000 m²/h	N/A	3000 m²/h	3000 m²/h
1450 mm	1139 mm	1800 mm	1300 mm	6908 mm	6908 mm
1315 mm	479 mm	2483 mm	1200 mm	1740 mm	1740 mm
333 mm	893 mm	386 mm	700 mm	3504 mm	3504 mm
80 kg	37 kg	125 kg	350 kg	1100 kg	1100 kg
4 types	4 types	4 types	N/A	4 types	4 types
Wet/Dry	Wet/Dry	Wet/Dry	N/A	Wet/Dry	Dry
40 m/min	30 m/min	40 m/min	54 m/min	40 m/min	20 m/min
200 m	200 m	200 m	200 m	200 m	N/A
1h45	3h	4h	4h	7h to 12h with solar panels	7 to 12h with solar panels

General overview



Fastest robots on the market, from 500 to 4000 m²/h



Operate under any condition



One-year warranty with dedicated after-sales services



No microcracks: Fraunhofer certification



A range of robots to suit every budget and all types of solar panel installations

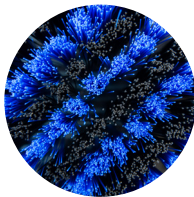


Also suitable for window and glass roof cleaning



No work at height: remote control from ground level

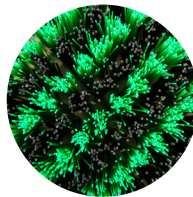
4 types of brushes for different soiling conditions



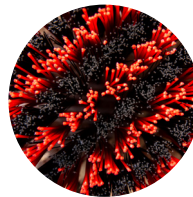
Soft



Standard



Hard

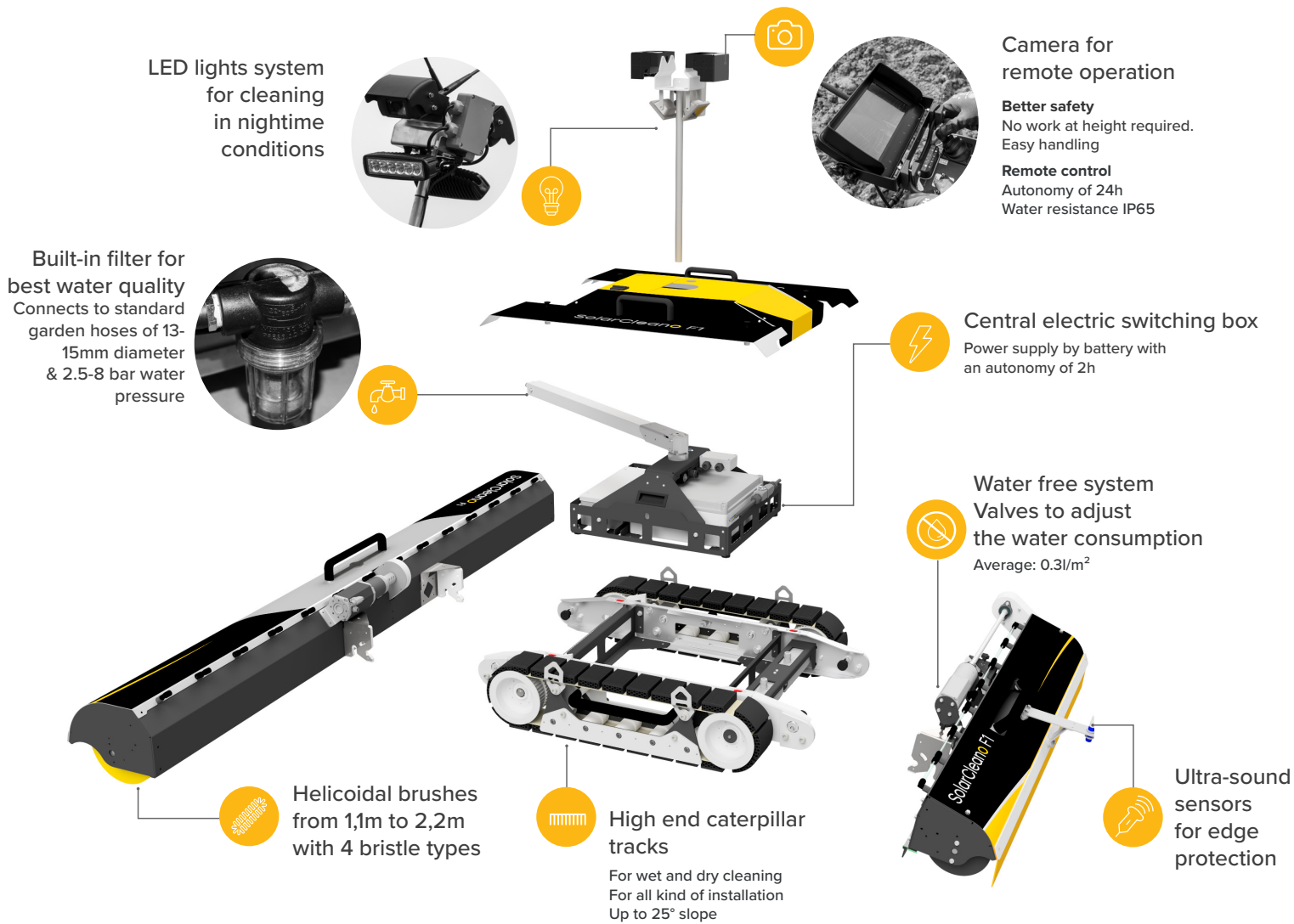


Very hard

SolarCleano F1




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SolarCleano M1



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Easy handling
Remote control
Range of 200m
Autonomy of 24h
Water resistance IP65



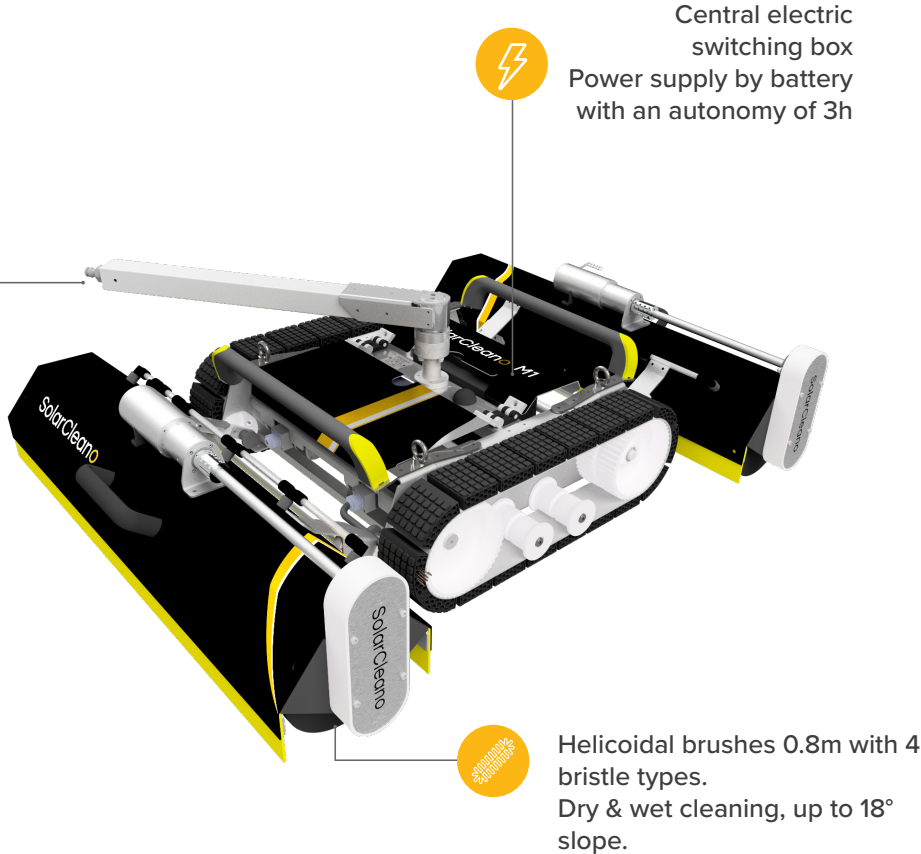
Lightweight structure
Dedicated to small installations



Approved for dry cleaning



Connects to standard garden hoses of 13-15mm diameter & 2.5-8 bar water pressure. Valves to adjust water consumption (0.25 to 0.8L/m²)




SolarCleano L1




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
2.45m wide brushes




4 types of bristles




Ideal for 1P trackers installations




Max inclination 27°



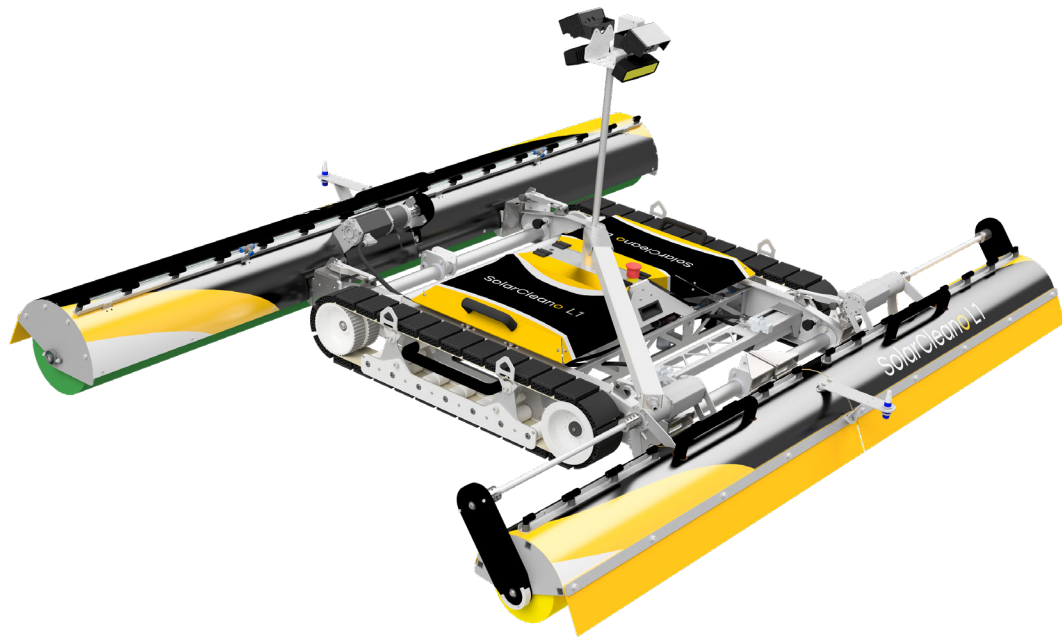
2 batteries for 4h autonomy



Cleans up to 2000m²/h



Compatible with camera and LED lights




SolarCleano T1




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
 1 single operator

 Ideal for ground-mounted installation

 Max inclination 25°

 Platform height
1.53 - 1.88m

 Speed up
to 54 m/min


 Compatible with
SolarCleano F1, M1 & L1





SolarCleano B1





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- 

Remote-controlled
- 

For both water and waterless cleaning
- 

Solution to ground-based utility-scale solar plants
- 

Cleaning capacity up to 8MW per day
- 

Different options of brush up to 6m
- 







Self-adaptation to height and inclination



SolarCleano B1A



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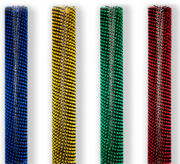
-  Fully autonomous dry-cleaning robot
-  Solution to ground-based utility-scale solar plants
-  Cleaning capacity up to 15MW per day
-  Different options of brush up to 6m
-  Self-adaptation to height and inclination
-  Programmed sessions for cleaning anytime












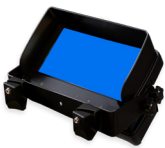
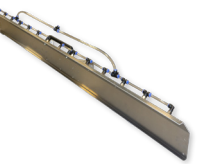

We offer fully bespoke autonomous solar bridge cleaning solutions to your **large-scale power plants**



Accessories

	COMPATIBLE WITH			
	F1	M1	T1	L1
 Safety glider For safer cleaning on installations of more than 25°.	●	●		●
 LED light Solution to cleaning at night. The light is paired with a camera and screen set.	●			●
 Osmosis system Purifying the cleaning water with no residue on solar panels.	●	●		●
1.2m (F1) or 2m45 (L1) brushes For wet and dry cleaning on different soiling types.	●			●
 1.1m brushes Especially designed for the cleaning of east-west and floating installations, and line on rooftops.	●			
0.8m brushes For wet and dry cleaning on different soiling types.		●		
2.2m brushes For wet and dry cleaning on different soiling types.	●			

	COMPATIBLE WITH			
	F1	M1	T1	L1
 Floating wheels Making your cleaning more fluid on floating panels and smart solar trackers installations.	●	●		
 Galileo Track all your robots' performances, collect data and plan your maintenance.	●	●		●
 Additional charger Keeping your batteries fully-charged all the time.	●	●		●
 Additional charger of 15A (T1) Keeping your batteries fully-charged all the time.			●	
 Toolkit Having all the necessary maintenance tools of the robot by yourself.	●	●	●	●
 Fall arrest equipment High-quality harnesses and lanyards.	●	●		●

	COMPATIBLE WITH			
	F1	M1	T1	L1
 Spare part kit: Simple and fast robot maintenance by saving the waiting time and replacing parts of the cleaning robot whenever necessary.	●	●		●
 Remote control battery Allowing your robot to clean for a longer time.	●	●	●	●
 Remote control battery charger If you have several batteries, make sure you have enough chargers!	●	●	●	
 Camera and screen Increasing operation safety and allowing you to pilot from the ground, or if vision is obstructed.	●			●
 Sprayer Easily spreads dedicated cleaning product on particularly soiled panels (Lichen, Cement, Bird Droppings,...)	●			
 Anti-fall sensor Detects the end of the panels' line to efficiently prevent any fall or other accidents.	●			●

Demos, training, and support



Demos

- We regularly organise free demonstrations and we are ready to present you our solar robot live on your installation.
- Contact us anytime for a demo request.

sales@solarcleano.com



Trainings

- Our experienced staff have done many robotic panel cleaning trainings to local cleaning companies. Our experience shows that the better you train your employees, the better they will use and maintain your robot.
- Get in touch for a training inquiry.

sales@solarcleano.com



Support and maintenance

- With a qualified and multilingual after-sales service team at your disposal, we look forward to answering your questions and studying your technical specifications.
- 7 a.m. - 6 p.m. (GMT+1) 5 days a week.

service@solarcleano.com



What we represent



Innovation

- State-of-the-art engineering
- Customised solutions for your need



Customer service

- A dedicated and multi-lingual team at your services
- 10 spoken languages
- 7 a.m. - 6 p.m. (GMT+2), 5 days per week



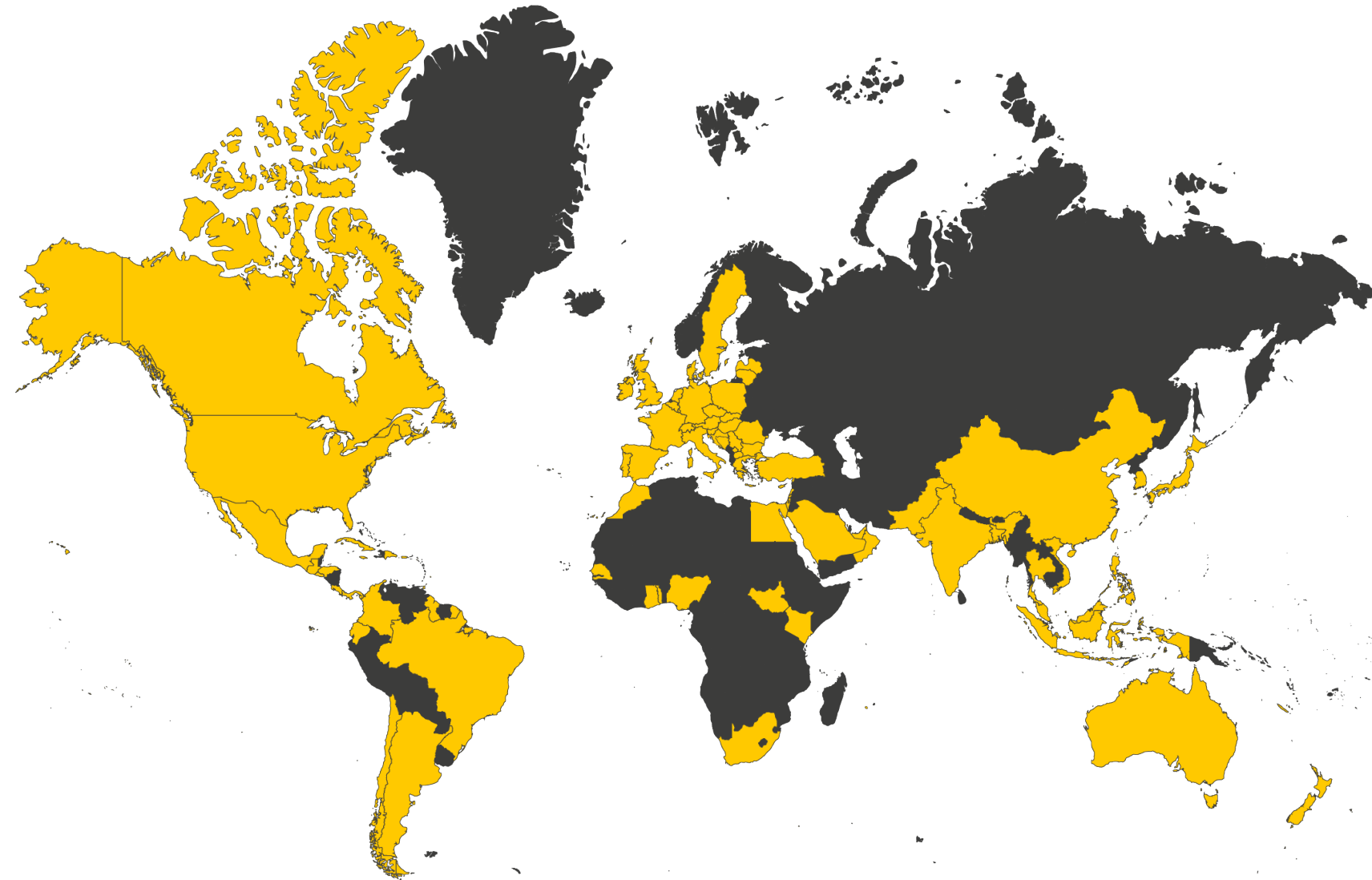
Quality

- ISO 9001 & ISO 14001 certified
- Made in Europe, conform with the latest European standard and regulations (CE)
- N°1 semi-autonomous cleaning robots on the market









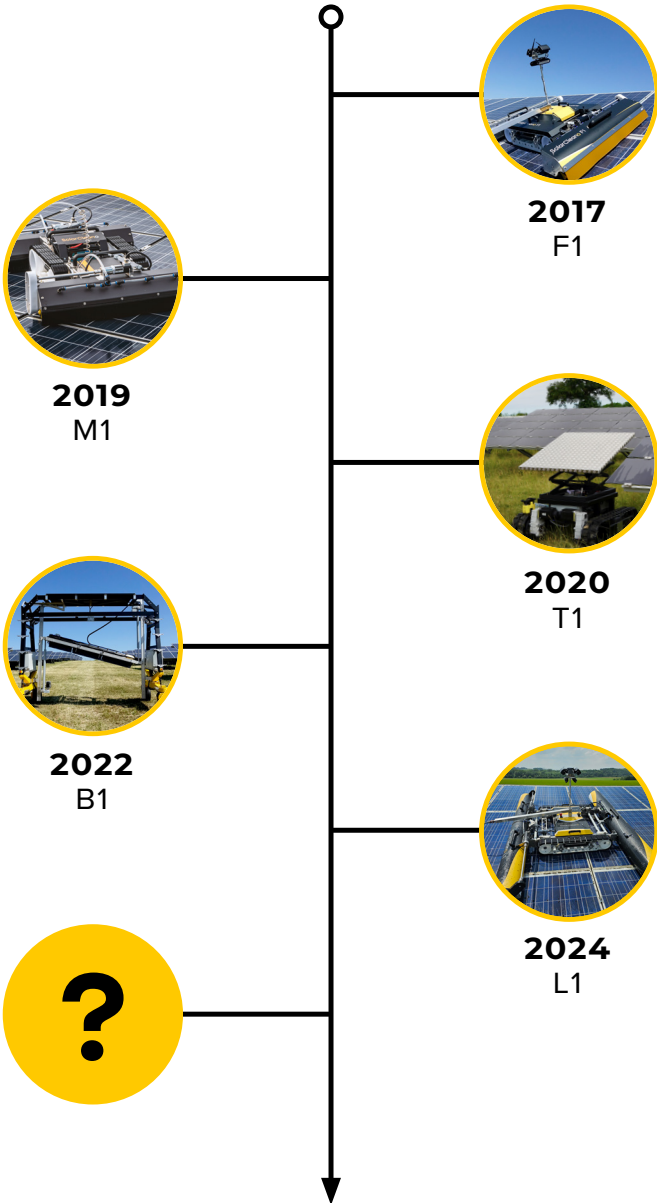
Global Presence

- Already in more than 90 countries in 5 continents

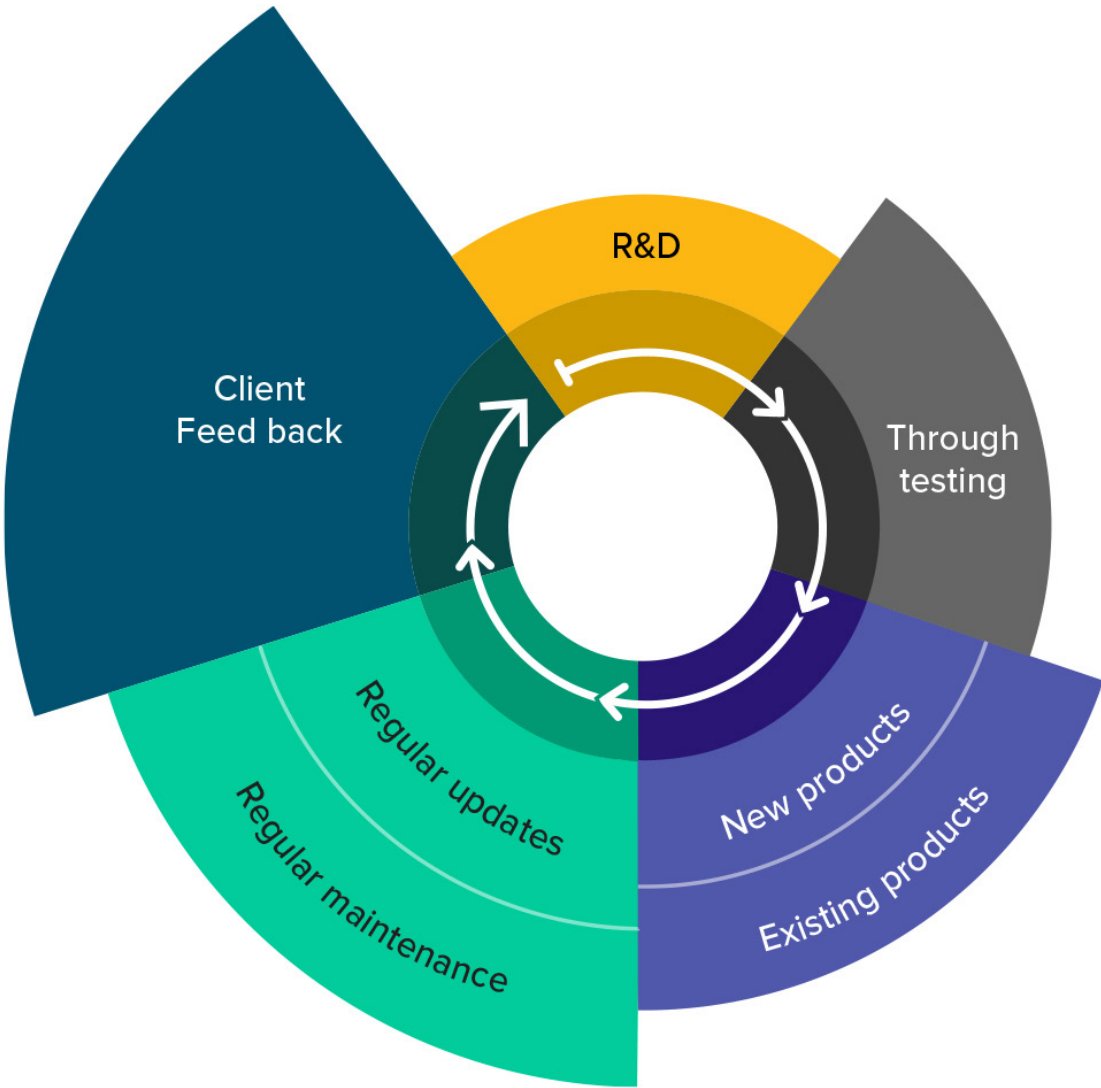


The Evolution of SolarCleano

-  R&D
Robot-fluent R&D team,
technology at the core
-  Regular product
updates to guarantee
top efficiency
-  New product release
regularly
-  Partnerships with
customers for feedback
and improvements
-  Thorough testing
on all products
-  Regular maintenance
and updates offer



Innovation is part of our DNA

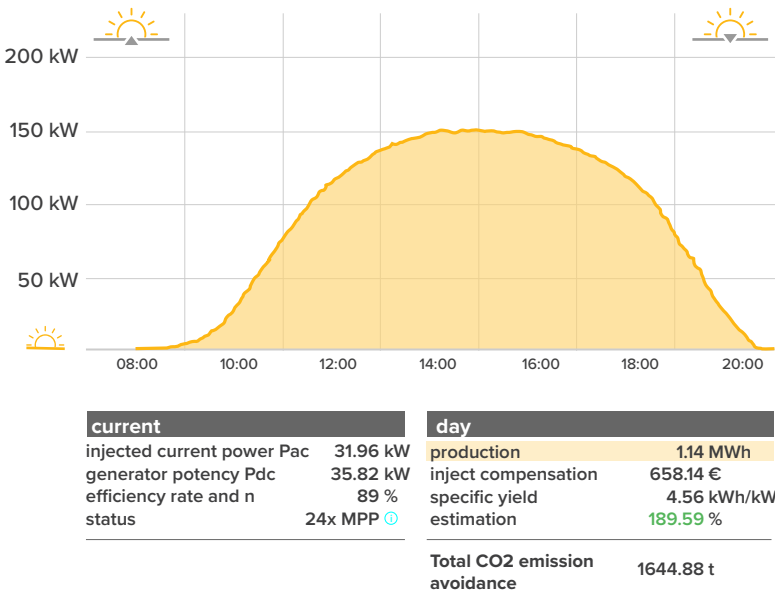




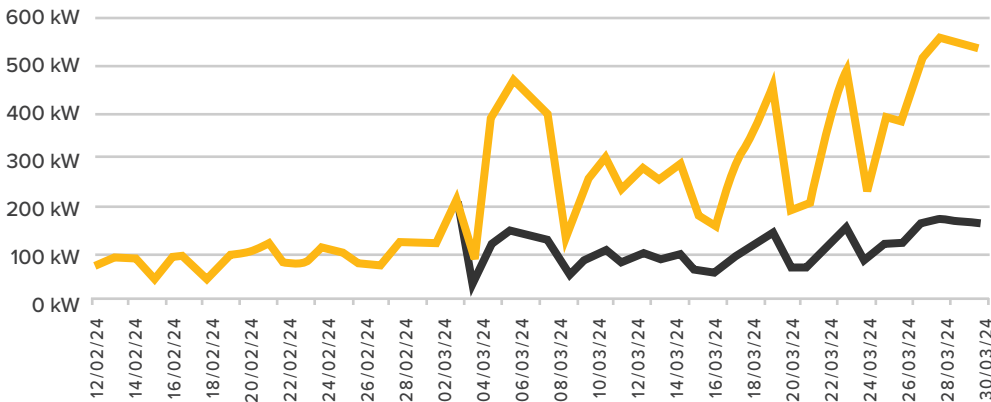
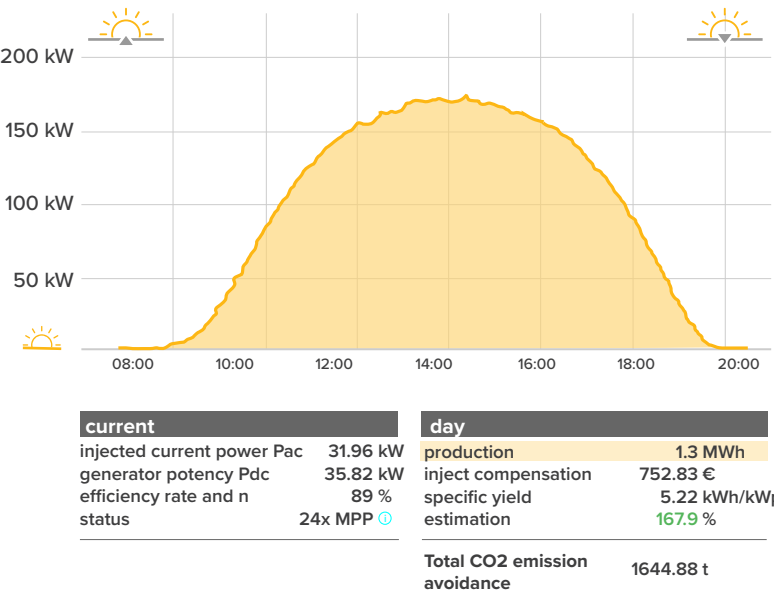
Regular cleaning maintains your photovoltaic installation and can help it regain performance, and participates to maintain your installation in a good state. The sunlight reflection diminishes with dirt and reduces the absorption of solar energy on photovoltaic cells. As a result, *cleaning regularly your solar panels is considered a good investment.*

Why cleaning?

Before cleaning



After cleaning



PV production Before /After cleaning

— production without cleaning
— production with cleaning

SOURCE: BDP SOLAR



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