

SolarCleano

developed by cleaners

Technical Data Sheet SolarCleano B1



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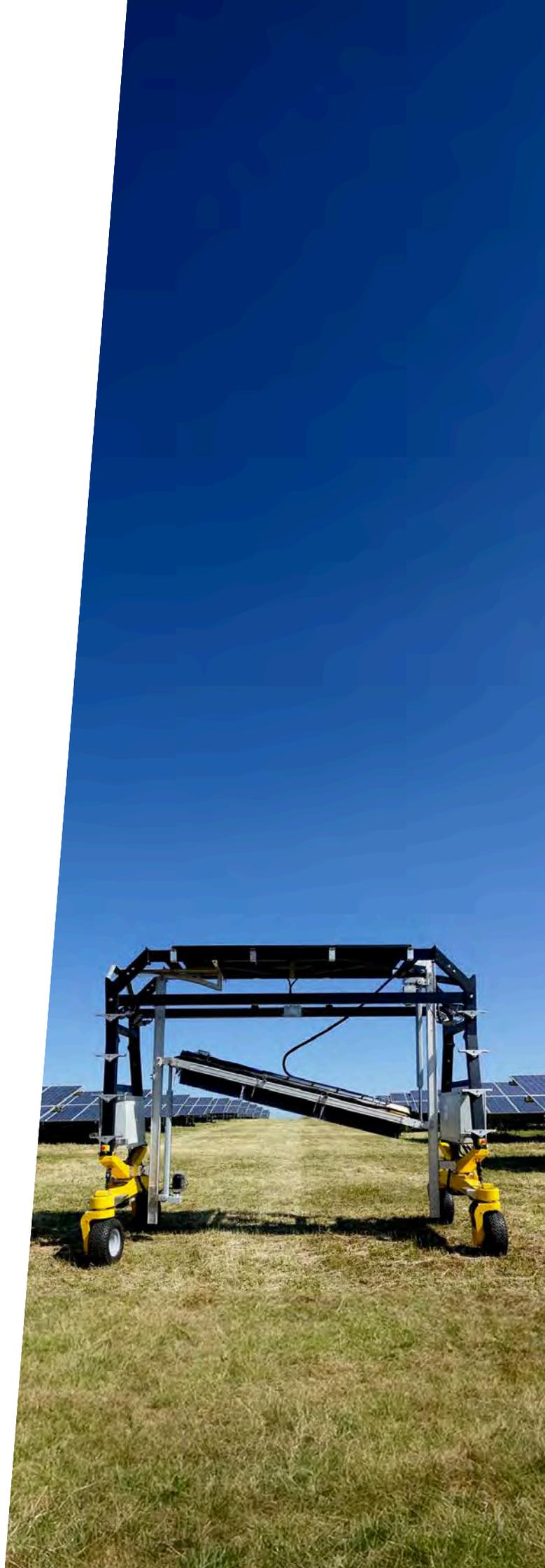
Description

The SolarCleanso BI revolutionizes large solar plant cleaning with unmatched efficiency and speed. The « SolarBridge » has been designed to allow a single user to easily configure and control it.

- It is battery operated and remotely controlled.
- **The BI exists in different dimensions and can be customized depending on the width of the solar panel rows.**

The SolarCleanso BI is efficient on ground-based utility-scale solar panels installations and is guaranteed for 12 months.

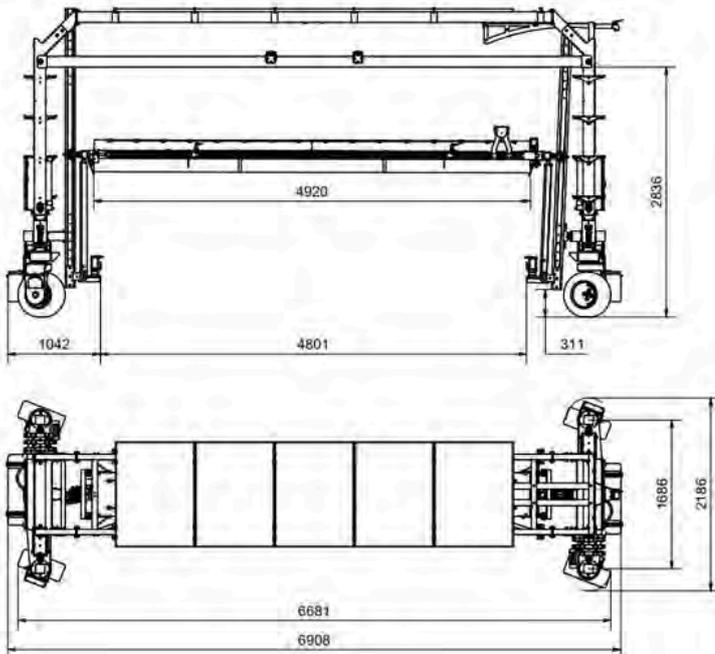
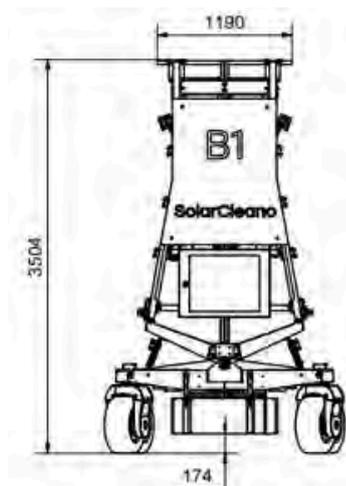
- It can perform both wet and dry cleaning.
- The SolarCleanso BI's brush can automatically track and self-adapt to the height and inclination of solar panels for smooth operation.



Dimensions & Brushes

Standard Chassis Dimensions

6908 x 1740 x 3504 mm



Brushes

Brush length

4.9 m

Brush diameter

0.38 m

Brush rotation speed

120 RPM

Motor

Brushless

Brush inclination

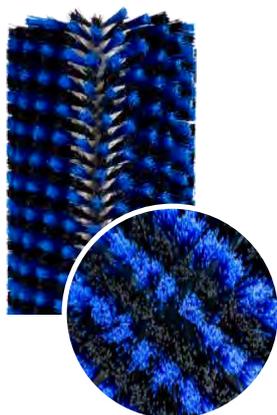
0° to 30° (57%)

Pressure on panels

Adjustable

Types of Bristles

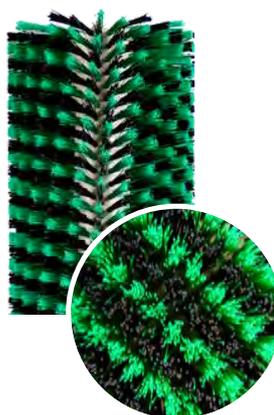
Soft



Standard



Hard



Very Hard



Other Technical Features

Weight

Total weight 1100 kg

Movement system

Speed Up to 40 m/min
Cleaning capacity 3000 m²/h (7-20 MW/day)
Wheels rotation 360°
Types of tires Turf tires or agricultural tires

Battery

Quantity 6
Type Batt 48V- 30Ah LFP
Autonomy 7h30 to 12h (if solar panels)
Charger capacity 30A
Charging time 6h

Remote control

Frequency 433 MHz
Autonomy 24h
Max. distance 200 m
Protection rating (water) IP65



Options

Water cleaning	Yes
Solar panels	Yes
Lights	Yes
GPS tracker	Yes

Water

Consumption	48 L/min on average
Pressure	2.5 bar
Hose Diameter	Min. 13 mm
Water pumps quantity	2

Solar panels

Quantity	6
Type	41.3V 375W
Maximum power	2KW

Lights

Quantity	4
Electrical tension	48V
Protection rating (water)	IP67

