

SolarCleano

developed by cleaners

Technical Data Sheet SolarCleano E1



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Description

The SolarCleanso E1 revolutionizes large solar plant cleaning with unmatched efficiency while sitting in a car. It has been designed to allow a single user to easily configure and control it, alongside a driver.

- The E1 brush is fixed on the rear of a 4x4 vehicle. It is therefore easily transportable.
- It is battery operated and controlled from a wired keypad.

The SolarCleanso E1 is efficient on ground-based utility-scale solar panels installations with significant soiling and is especially designed for conventional trackers and trackers with a shaft. It is guaranteed for 12 months.

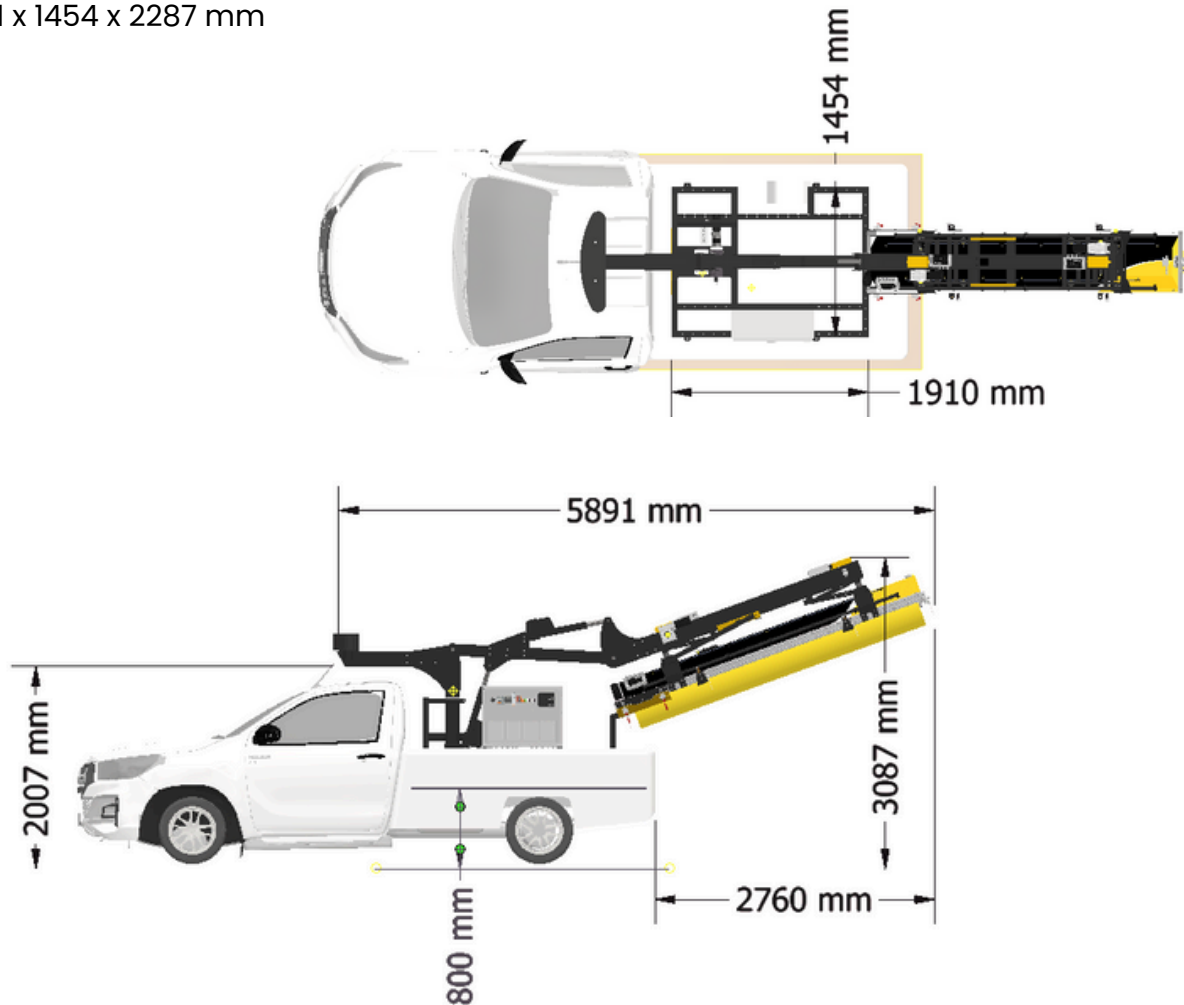
- It can perform both wet and dry cleaning.
- The SolarCleanso E1's brush can adapt to the height and inclination of solar panels for smooth operation.



Dimensions & Brush

Chassis Dimensions

5891 x 1454 x 2287 mm



Brush

Brush length	3 m
Brush diameter	0.48 m
Lowest part maximum range	0.20 - 1.8 m
Highest part maximum range	0.20 - 3.3 m
Brush rotation speed	125 RPM
Brush inclination	0° to 30° (52%)
Pressure on panels	Adjustable

Type of Bristles

Helical shape brush with two types of bristles.

Other Technical Features

Weight

Counterweigh	250 kg
Chassis weight	410 kg
Total weight	735 kg

Movement system

Speed	Up to 50 m/min
Cleaning capacity	7000 m ² /h (9-11 MW/day)
Rotation range	210°

Battery

Quantity	4
Type	Batt 48V– 120Ah LFP
Autonomy	Up to 7h
Charger capacity	30A
Charging time	4h

Remote control

Wired keypad

Water

Consumption	8 L/min on average
Pressure	3 bars
Hose Diameter	Min. 13 mm





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