

SolarCleano

developed by cleaners

Technical Data Sheet SolarCleano E1



August 2025

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

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

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.

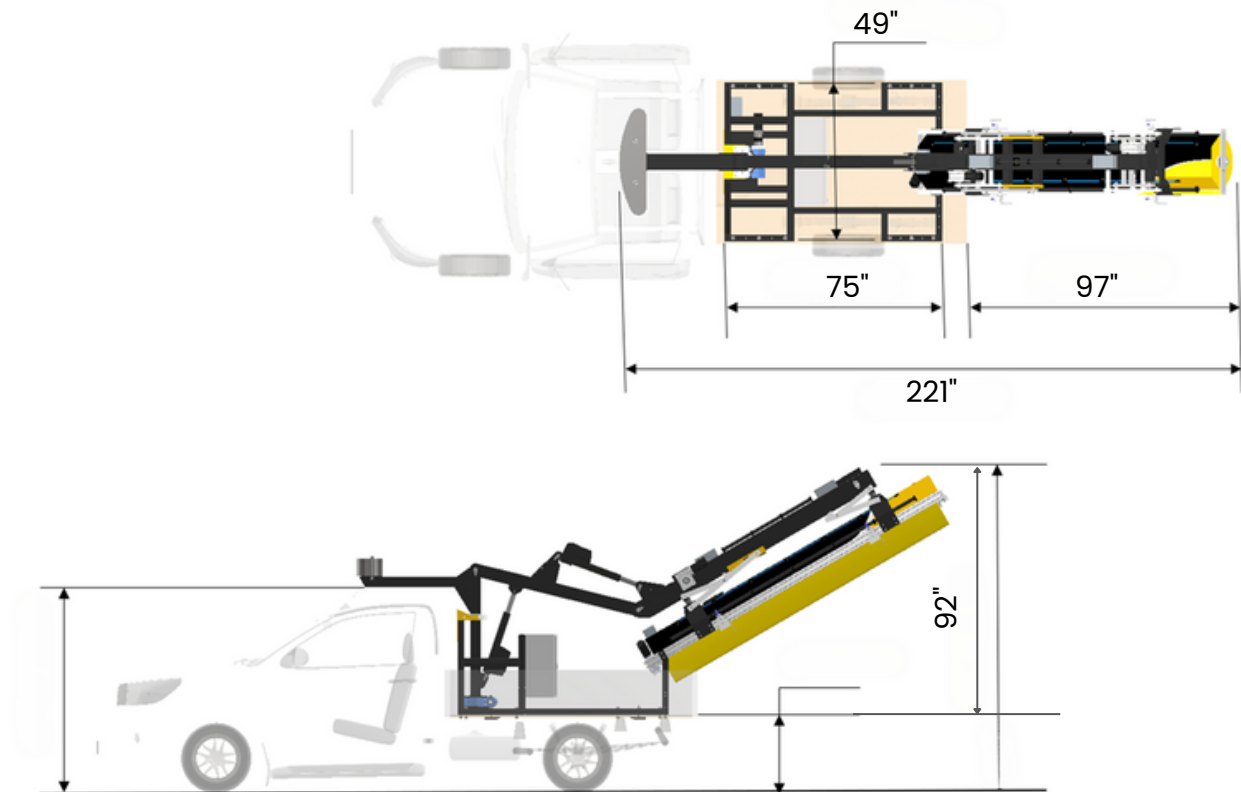
- It can perform both wet and dry cleaning.
- The SolarCleanso E1's brush can adapt to the height and inclination of solar panels for smooth operation.



Dimensions & Brush

Chassis Dimensions

75" L x 49" W x 92" H



Brush

Brush length	118.11"
Brush diameter	18.90"
Lowest part maximum range	7.9" - 70.9"
Highest part maximum range	7.9" - 129.9"
Brush rotation speed	125 RPM
Brush inclination	0° to 27° (51%)
Pressure on panels	Adjustable

Type of Bristles

Helical shape brush with two types of bristles.

Other Technical Features

Weight

Counterweigh	551.16 lb
Chassis weight	903.90 lb
Total weight	1620.4 lb

Movement system

Speed	Up to 164.04 ft/min
Cleaning capacity	75,347 sqft/h (9-11 MW/day)
Rotation range	210°

Battery

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

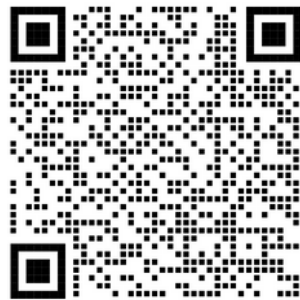
Remote control

Wired keypad

Water

Consumption	2.1l gal/min on average
Pressure	3 bar
Hose Diameter	Min. 0.51"





SolarCleano

developed by cleaners

SolarCleano
ZARO 2-4 rue Gustave Loosé,
L-8346 Grass - Luxembourg
T: +352 288 069 - info@solarcleano.com