



Technical Data Sheet – SolarCleano B1

The SolarCleano B1 is the biggest solar panel cleaning robot developed by SolarCleano. It is completely autonomous and is capable of both wet and dry cleaning. It is a next-generation solution to ground mount large-scale power plants, featuring a cleaning capacity with or without water up to 2MW per hour using a 13' brush.

Features

Machine

Length	19'6"
Width	5'8"
Height	11'6"

Brushes

Length	14'5"
Diameter	15"
Maximum height – lowest part	5'6"
Maximum height – highest part	9'
Minimum height – lowest part	7"

Minimum height – highest part	4'11"
Maximum inclination	34°
Minimum inclination	0°
Rotation speed	120 tr/min
Sensor pression number	4
Pressure on panels	Adjustable, can be reduced for fragile structures
Water consumption	1.75-3 g/min

Movement system

Maximum speed	160ft/min
Maximum cleaning speed	130ft/min on even ground
Wheels rotation	360°

Batteries

Type	4x Batt 48V 30Ah LFP
Battery life	5 – 8 hours
Charger amperage	60A
Charging time	3h