



Technical Data Sheet – SolarCleano B1

The SolarCleano B1 is so far 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-based large-scale power plants, featuring a cleaning capacity with or without water up to 2MW per hour using a 4m brush.

Features

Machine

Length	5950mm
Width	1740mm
Height	3510mm

Brushes

Length	4400mm
Diametre	380mm
Maximum height – lowest part	1700mm
Maximum height – highest part	2750mm
Minimum height – lowest part	190mm
Minimum height – highest part	1500mm
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	7-12 L/min

Movement system

Maximum speed	50m/min (3km/h)
Maximum cleaning speed	40m/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

Next-generation solar cleaning solution customised for your needs