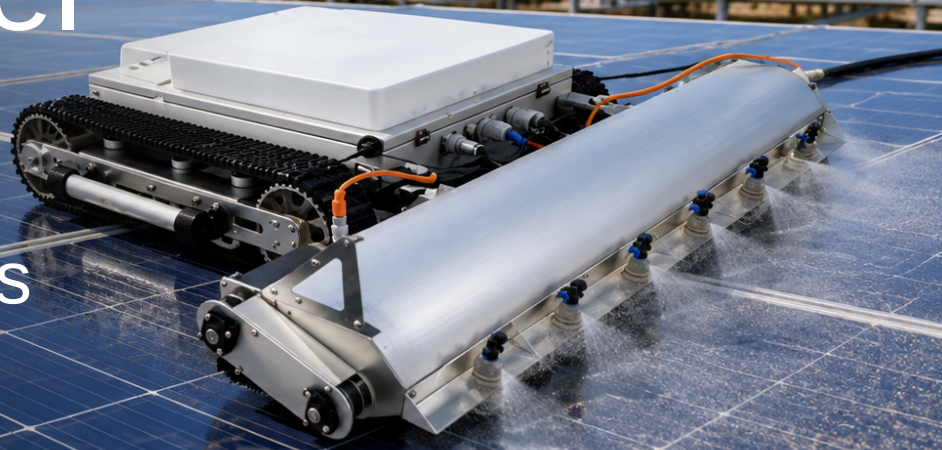


Solar Panel Cleaning

Robotics solutions

ASSESS / CLEAN / VERIFY / REPEAT



Cleaner panels. Support energy yield.

Manage soiling losses with repeatable cleaning. Qualify each array, choose the right method and measure results across each cleaning cycle.

Robots, cleaning systems and workflows, configured for your site, with deployment, training and lifecycle support from Warpify.

01

Restore clean surfaces

Target dust and adhered dirt with dry or water-assisted cleaning, matched to modules and local operating conditions.

02

Reduce routine manual cleaning

Automate repeated passes on suitable arrays. Plan placement, transfers and recovery for crews.

03

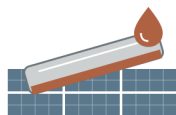
Make every cycle measurable

Log cleaned zones, exceptions and crew effort. Use evidence to refine cleaning frequency.

Cleaning matched to your site

Dry + water-assisted

Select brushes and methods for your modules and soiling.



Match tilt, gaps, frames and tracker positions. Define weather limits, water quality and access before deployment on each array.

ARRAY APPLICATIONS

Ground-mount. Commercial rooftops.

Configure cleaning and transfer procedures for each site's layout and access conditions.



Cleaning built around your site.

ONE CLEANING CYCLE

ILLUSTRATIVE OPERATING PLAN

Plan coverage. Handle exceptions.

Array zones

ZONE A • Verified



ZONE B • Cleaning



ZONE C • Planned



ZONE D • Review



Review exceptions before confirming completion.

Plan the whole cycle

01 Qualify

Modules, layout and method.

02 Prepare

Water, charging and transfers.

03 Run + verify

Coverage, quality and exceptions.

04 Maintain + repeat

Service and cleaning frequency.

MEASURE IN THE SITE TRIAL

Coverage completed

What was actually cleaned

Cleaning outcome

Quality on representative soiling

Crew interventions

Transfers, stops and recovery

Resources used

Time, water and service effort

| Trial the complete cleaning cycle before scaling.

SYSTEM CAPABILITIES

01 Cleaning operations

Zone-based cleaning schedules

Remote or autonomous operation

Planned transfers and recharging

03 Control + visibility

Supervision and stop controls

Remote monitoring and run records

Maintenance reports and handover

Site-qualified configurations.

02 Cleaning + module care

Dry or water-assisted cleaning

Brushes matched to your site

Module and operating-limit checks

04 Deployment + support

Site assessment and cleaning trials

Training, transfers and recovery

Maintenance, spares and support

Direct purchase

Own the solution, with commissioning and training.
Warranty and support defined in your proposal.

Start with a site assessment.

Share your layout, modules and cleaning needs.

Robotic Cleaning as a Service

Equipment, maintenance and operating support
through RaaS, with scope agreed for your site.