



PROVEN REVOLUTION IN THE O&M SOLAR INDUSTRY

Cleaner panels = more energy, more revenue



Solar energy is booming—expected to hit \$300B globally by 2030. But up to 60% of a panel's power can be lost due to a silent disruptor: dust, bird droppings, and grime.

Despite the scale and sophistication of modern solar farms, panel cleaning is decades behind:



Mostly manual



Inefficient in remote or agricultural terrain



Difficult to measure, track, or automate



Expensive in terms of labor, water, and downtime

This isn't just about dirty panels—it's about lost revenue, operational inefficiencies, and untapped potential.

Every day of buildup means reduced energy output, higher costs, and no actionable solar performance data.

Solar owners are overpaying for poor results. And O&M operators are stuck with outdated tools that don't scale.

Meet Solaris Hydrobotics

Solaris Hydrobotics delivers a patented, AI-ready, water-powered cleaning robot designed for commercial, floating, and agrivoltaic solar systems.

Autonomous, rail-free, and rooftop-compatible, it removes up to 99.5% of dirt and boosts energy yield by 10–25%—all while reducing labor, water use, and downtime through a connected SaaS platform.



Why Partner With Us?



- **Smart Leasing, Fast ROI:** Access cutting-edge tech with minimal upfront investment
- **Operational Payback, Fast:** Enjoy rapid returns through savings and better performance
- **Lower Risk, Lower Costs:** Reduce liability and cut insurance expenses
- **Safer, Happier Workers:** Eliminate dangerous tasks and boost morale
- **Profit Across the Chain:** Developers, operators, and users all win
- **Happy Customers Stay:** Better performance builds trust and retention
- **Revenue That Grows:** Create value for you, your partners, and your clients

Calculator

Existing situation

₹ 300	System size (installed kW)
₹ 0.45	Tarif Rate
₹ 6	Manual Cleaning Cost per installed Kw
5	Number of Manual Cleaning Cost per installed Kw
₹ 9,000.00	Total manual flushing cost per year
1,650	Average PVSYST

With Solaris

₹ 85,500.00	Solaris system cost (10 robots)
8%	% Efficiency improvement
₹ 17,820.00	Monetary value - productivity improvement
As many as needed	Number of Robbot washes
₹ 26,820.00	Monetary improvement value
3.2	Return on investment in years

Features



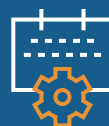
Water-powered hydraulic motor (no electricity needed)



No tracks, no rails, no operator required



Mobile/web interface for fully remote cleaning cycles



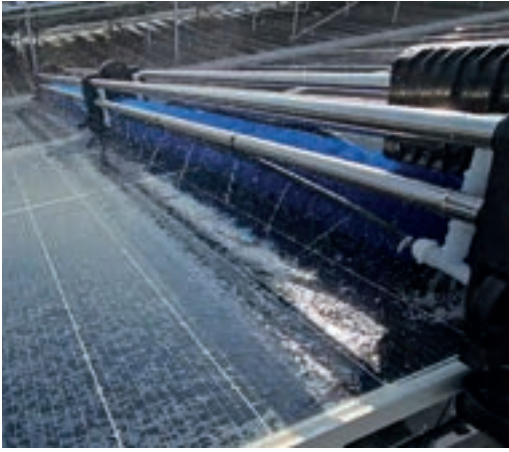
Smart scheduling (ad hoc / programmed / AI-optimized)



+100 Meter String Length

Smart Cleaning Logic – Detects soiling and auto-cleans to maintain peak output

On-Demand with Diagnostics – Activates only when needed, with full system health checks



Advantages

Designed to perform in diverse environments—from rooftops and agrivoltaics to floating PV and desert conditions—Solaris operates where others can't. Its robust design minimizes site visits and cutting cleaning costs, increasing safety and reducing overall liabilities.

- Less labor = lower OPEX, safer operations
- Remote management = scalable growth for partners
- Differentiation for O&M operators = new revenue stream
- Ideal for US C&I solar integrators ready to scale profitably
- Energy production up
- Near-zero system downtime
- Peace of mind

Backed by Innovation & IP

Solaris is commercially validated with a production-ready assembly line, with hundreds of robots already operating in the past 18 months, pipeline of 1,500+ units underwork.



Boost your solar profits -
Contact us about our robotic solution



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