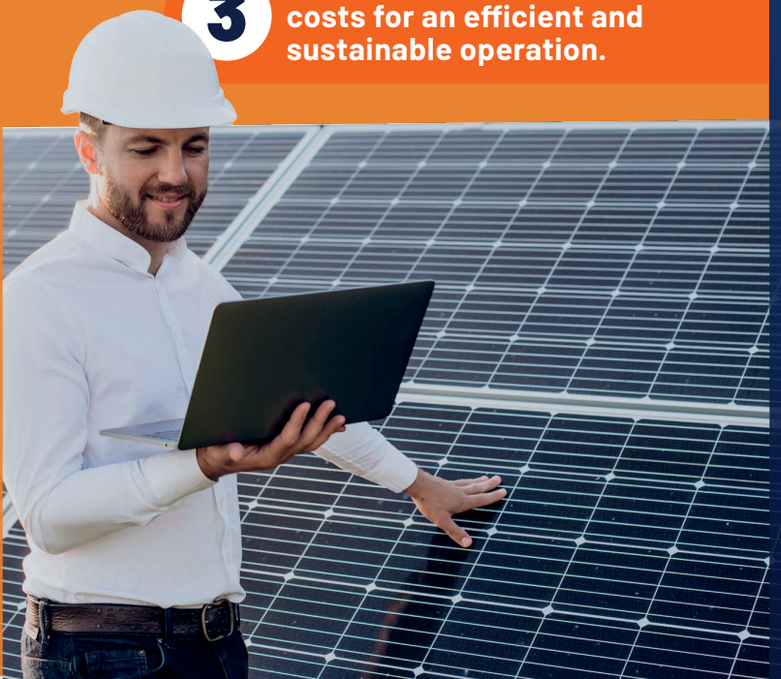
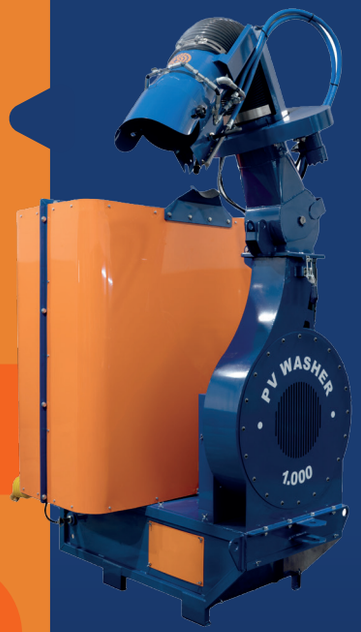
Downtime in your operation can cause thousands of reais in losses.

Stop wasting time and money.
With PV WASHER, you get intelligent, sustainable cleaning with zero interruptions.

1. **Innovative technology that keeps your panels functional during module cleaning.**
2. **Cleaning that avoids direct contact with the panels, reducing the chances of physical damages.**
3. **Equipment with low labor costs for an efficient and sustainable operation.**





PV WASHER

Reference in innovative technological solutions for the photovoltaic branch, we offer high-performance equipment that increases the productivity, reduces operational costs and promotes sustainable practices.

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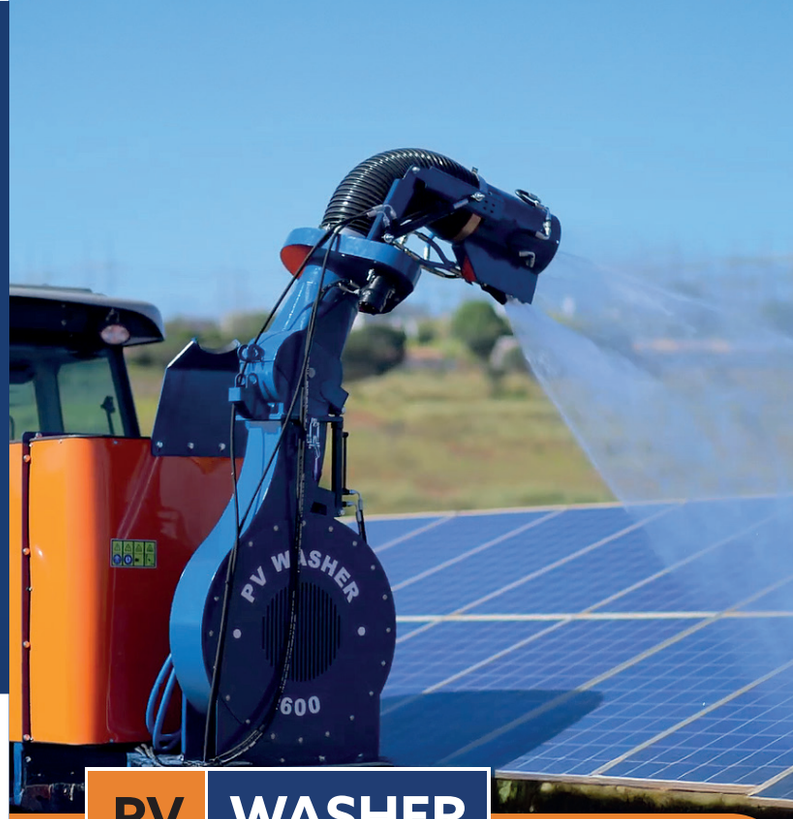

PV WASHER

Clean your photovoltaic plant's modules **without any loss in power generation.**

Intelligent and sustainable cleaning, operating without interruptions and cleaning up to 28 thousand panels a day with the PV WASHER.

100% national patented technology

PV WASHER

Innovative equipment, 100% national and patented technology. Efficient and safe cleaning of photovoltaic modules.

HOW DOES THE PV WASHER WORK?

Carry out the cleaning of your ground panels by controlled air-jet spraying, utilizing only 1.2 liters of water per module, avoiding damages and preserving the warranty of the modules.

How does it work: By means of air and water spraying, in the proportion of 5m³/s of air and 0.00125m³/s of water. The water acts like an agent that conducts the dust out of the module.

THE MOST EFFICIENT METHOD FOR CLEANING PHOTOVOLTAIC PANELS.

PV Washer is **easy-to-operate equipment**, with **low initial investment** with quick return of investment and high profitability.

- **100% energy efficiency with no interruptions during cleaning.**
- **Protect the modules warranty and reduce the cleaning costs.**
- **Single operation with low personnel demand.**
- **Simple transportation of the PV WASHER, with small pick-up truck.**
- **Quick return on investment from the very first uses.**

Ideal for solar plants owners and operators, self-employed and companies providing cleaning and maintenance services in photovoltaic systems.

TECHNICAL INFORMATION:

- **Cleaning type:** Controlled spraying (5m³/s), without direct contact with the module.
- **Water consumption:** Approx. 1.2 L/module (single-axis) or 0.8 L/module (double-axis).
- **Productivity:** It cleans 37 m/min (single-axis) or 74 m/min (double-axis), totalizing 14,000 up to 28,000 modules/day.
- **Effectiveness:** It removes from 97% up to 99% of dust and fine particles, according to the recommendations of module manufacturers.
- **Compatibility:** Fixed structures or trackers (single/double axis), including bifacial modules and trackers with connecting rods.
- **Drive:** Universal tractor power take-off (PTO), making transportation and use easier.
- **Dimensions and weight:** Approx. 1.15 m (width) × 1.4 m (length), weighing about 465 kg empty.
- **Autonomy:** Available with capacities of 0.6 m³, 1.0 m³ and 2.0 m³, enabling cleaning or cooling.
- **Working pressure:** Controlled, aligned with the specifications of the panel manufacturers (without risk of damages).
- **Continuous operation:** It does not require the plant to be stopped during the cleaning, avoiding generation losses.
- **Reduced team:** Only 1 operator (tractor driver) and 1 assistant are required.
- **Easy maintenance with low costs:** It includes periodical check of belts, filters and pump oil change.
- **Reversible cleaning :** It is possible to clean frontally or from the rear, if the frontal access is limited by the connecting rod.
- **Additional MOP:** It helps the removal of aesthetic stains from impregnated dust, when required.
- **Warranty preservation:** Contact-free cleaning minimizes the risk of microcracks and module damage.

For more details, please visit our website: pvwasher.com.br