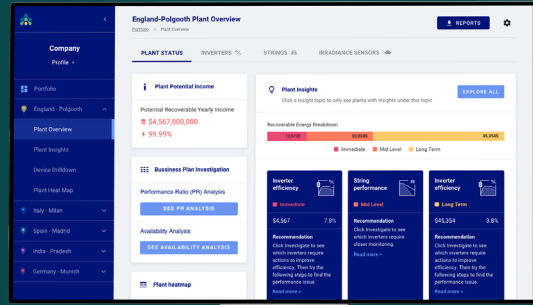# BLADERANGER

MAKE EVERY RAY COUNT

Optimizing solar panel performance with a powerful dual approach

Increase your solar energy performance by up to 30% and enjoy a powerful return on your solar investment. From actionable insights that enhance performance to our autonomous, light-weight and waterless solar panel cleaning robot, Bladeranger ensures more yield with minimal effort.

The Lightest Solar Cleaning Robot on the Planet

At just 20 kilograms, the PLECO™ solar is the perfect autonomous robot for cleaning solar panel. This waterless solution uses high speed brushes to clean panels at up to a 45-degree angle.

PLECO™ cleans 250 KW in 3 hours, covering a 400 m2 area an hour. The robot is cost effective and can be carried and mounted by just one employee. Just place it on the panel, push start, and the PLECO™ robot's powerful brushes clean your panels to help you capture more sun rays.

Real-Time Monitoring And Analytics

45° Climbing Capability

Fully Autonomous Solution

Waterless Cleaning

Ultra Light Weight

Preventive Maintenance

Cost Effective Operation

Harnessing Data to Boost ROI

DeepSolar™ maximizes solar plant ROI by analyzing data, extracting key insights, and turning them into daily action items that improve profitability.

DeepSolar™ uses AI to identify problem areas, determine the best solution to resolve the issue, and calculate whether it is worthwhile to invest in fixing the issue. As a result, it increases solar energy harvesting, significantly reduces the cost of maintenance, and increases profit margins.

It's high precision diagnostics let you know exactly what's happening with each panel, so you can make calculated decisions that maximize performance.

| Dust Cleaning | Grass Trimming | Mppt Efficiency | True Pr | Panel Replacement | Disconnection |

BLADERANGER

Learn more about Bladeranger PLECO™ and DeepSolar™

Schedule your free demo today, and see how PLECO and DeepSolar can unleash your potential. Visit us at www.bladeranger.com and click Request a Demo

About Bladeranger
The sun is our best source of safe, renewable energy. At Blade, we are dedicated to helping the solar industry generate cleaner, sustainable, and profitable solar energy. We do this by developing AI and Robotics O&M technologies. It's part of our mission to enable PV companies to harvest more energy, safeguard human life, and minimize environmental impact.