

# SunScout: Revolutionizing Solar-Powered Robotics and Electric Vehicles

SunScout is transforming the renewable energy environment by combining solar power, advanced robotics, and electric vehicle (EV) innovation. With a mission to create fully autonomous, solar-powered solutions.

## SunScout Pro: Solar-Powered Robotics for Lawn Care

SunScout Pro is the world's first fully solar-powered robotic mower, providing a 100% sustainable solution for both residential and commercial lawn care. Key features include:

- **Deployable Solar Array (DSA):** The onboard solar panel system captures sunlight to continuously charge the mower, ensuring autonomous operation without the need for traditional electricity or fuel.
- **AI-Powered Navigation:** With real-time RTK-GNSS navigation and visual recognition technology, SunScout Pro autonomously navigates complex terrains, adjusting its path to avoid obstacles while optimizing mowing efficiency.
- **Durability and Performance:** The SunScout Pro boasts a 100% aluminum chassis for durability and includes a high-performance mulching blade for superior cutting. This innovative mower offers significant cost savings by reducing the need for labor and fuel while eliminating emissions.

## SunScout EV-Camper: Solar-Powered Electric Vehicle

Building on the same solar-driven technology, SunScout has developed the SunScout EV-Camper, a fully solar-powered electric camper van designed for autonomous, off-grid travel. Key innovations include:

- **Onboard Deployable Solar Power System:** The EV-Camper is equipped with a retractable solar panel system that generates all the energy needed to power the vehicle. This allows for completely off-grid travel, with no reliance on external charging infrastructure or fuel.
- **Autonomous Solar Charging:** The solar-powered system is designed to provide energy for both driving and living purposes, making the SunScout EV-Camper ideal for sustainable travel without compromising comfort.
- **Sustainability and Cost Savings:** By eliminating fuel costs and reducing environmental impact, the EV-Camper appeals to eco-conscious travelers, offering a zero-emission alternative to traditional camper vans.

## Market Potential

The demand for solar-powered autonomous technologies is rapidly growing across industries, from robotic lawn care to electric vehicles. With the global EV market expected to reach \$693.7 billion by 2030 and the robotic mower market projected to grow to \$3.77 billion by 2029, SunScout is perfectly positioned to capture significant market share.