

# Solar Panel Recycling

## Sustainable Solutions for Solar Panels

SV Tech Source provides safe, secure, and environmentally responsible recycling and refining services for end-of-life solar panels. Our EPA-approved process ensures full compliance with international environmental standards while maximizing the recovery and reuse of valuable materials, including aluminum, tempered glass, and solar cells.



### What We Recycle

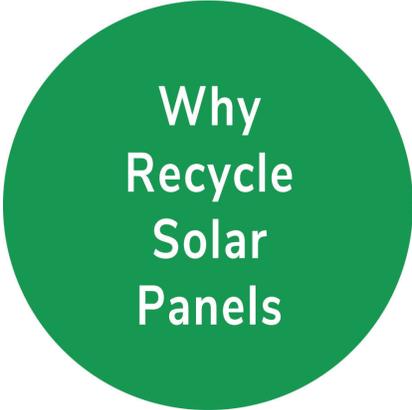
SV Tech Source partners with certified facilities in South Korea to recover critical solar panel components—including aluminum frames, tempered glass, solar cells, micro-inverters, wiring, and racking—for reuse in new products. Our end-to-end approach ensures that solar panel recycling is efficient, transparent, and environmentally sustainable.

- Solar panels (crystalline silicon and thin-film)
- Micro-inverters
- Junction boxes
- Wiring and racking components

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Recycling solar panels is essential for protecting the environment, conserving resources, and supporting a sustainable energy future. It prevents panels from ending up in landfills, reduces the risk of toxic material leakage, and recovers valuable materials such as silicon, silver, and aluminum for reuse in new products. By reusing these materials, the energy and costs required to manufacture new panels are lowered, contributing to a circular economy and reducing the overall carbon footprint of the solar industry.



### Why Recycle Solar Panels

- **Environmental Protection:** Prevents panels from entering landfills and reduces the risk of toxic material leakage.
- **Resource Recovery:** Recovers valuable materials, including silicon, silver, and aluminum for reuse in new manufacturing.
- **Energy Efficiency:** Reduces the energy needed to produce new panels by reusing materials, helping lower the industry's overall carbon footprint.
- **Economic Benefits:** Supports a circular economy by lowering material costs and reducing demand for virgin raw materials.
- **Regulatory Compliance:** Avoids penalties and legal risks associated with improper disposal or stockpiling of solar waste.
- **Technological Advancements:** Ongoing improvements in recycling technology enhance recovery rates while minimizing environmental impact.