

## **A-Core Container**

# **Solar module solar panel removal equipment**



## Overview

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How to remove aluminum frame from solar panels?

Aluminum frame removing machine: Removing the aluminum frame at the edge of the solar panel. Crushing and sorting machines: The treated solar panels then pass through the crushing and sorting equipment to obtain metal powder.

How does sunygroup recycle solar panels?

SUNYGROUP's equipment recycles waste photovoltaic panels through physical means such as automatic dismantling, crushing, and sorting, so as to achieve the purpose of recycling useful components. ① The power box and aluminum frame of the solar panel are removed by a specialized dismantling machine.

What can a solar PV panel recycling machine do for You?

With solar PV panel recycling machines, valuable materials such as copper, silver, silicon, plastics, and glass can be recovered from their components such as aluminum frames, toughened glass, EVA encapsulation materials, solar cells, back sheets, and junction boxes and reused in the production process.

How a solar panel is dismantled?

① The power box and aluminum frame of the solar panel are removed by a specialized dismantling machine. ③ The solar photovoltaic panels with the aluminium frame and glass removed enter the twin shaft shredder. The twin-shaft shredder tears the PV panels into strips. Next, the material enters the crusher.

What is solar PV recycling?

Solar PV recycling (photovoltaic) is an up and coming waste stream generated in both consumer and commercial fields of use. While demand may not be terribly high at the moment, there are many early-era solar power systems or

solar PV systems that will soon be reaching their end of life cycle.

Can solar panels be recycled?

The rest of the components in a solar panel consist of good quality glass, aluminium frames, polymers, silicon, copper and silver paste (used for the printed conductors on each cell), all of which ( $\geq 95\%$ ), can be successfully recycled.

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### Contact Us

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