

# Global Silver Recovery from Spent Solar Panels Market 2026 by Company, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Silver Recovery from Spent Solar Panels market size was valued at US\$ 74.08 million in 2025 and is forecast to a readjusted size of US\$ 118 million by 2032 with a CAGR of 6.8% during review period.

Silver recovery from spent solar panels refers to the process of extracting and purifying metallic silver from discarded or scrapped solar photovoltaic modules using physical, chemical, or metallurgical techniques. Demand primarily stems from the large-scale retirement of photovoltaic modules and the strategic scarcity of silver resources. The upstream supply chain encompasses waste module collectors, dismantling and pre-processing companies, and recycling equipment/chemical suppliers. Downstream, it connects silver smelters and refineries, precious metal traders, and ultimately supplies recycled silver to photovoltaic silver paste manufacturers and the electronics industry, forming a closed-loop circular supply chain of 'waste modules—silver recycling—recycled silver—new modules,' a crucial link in achieving sustainable development and resource security for the photovoltaic industry. In 2025, the amount of silver recovery from spent solar panels is estimated at 90 tons. The average price, closely related to the silver content, form, purity, and international silver price, is approximately US\$800 per kilogram, with a gross profit margin of about 35%.

This report is a detailed and comprehensive analysis for global Silver Recovery from Spent Solar Panels market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company

profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Silver Recovery from Spent Solar Panels market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Silver Recovery from Spent Solar Panels market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Silver Recovery from Spent Solar Panels market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2021-2032

Global Silver Recovery from Spent Solar Panels market shares of main players, in revenue (\$ Million), 2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Silver Recovery from Spent Solar Panels

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Silver Recovery from Spent Solar Panels market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Veolia Environnement (Euronext Paris: VIE, Aubervilliers France), First Solar (NASDAQ: FSLR, Tempe, Arizona USA), ROSI (Private, Grenoble France), GCL System Integration Technology Co., Ltd. (SZSE: 002506, Jiangsu Province China), Jinko Solar Co., Ltd. (NYSE: JKS, Jiangxi China), Comstock (NYSE: LODE, VIRGINIA NEVADA), Reiling Unternehmensgruppe (Rheda-Wiedenbrück Germany), Envaris (Private, Berlin Germany), Rinovasol (Private, Berlin Germany), Umicore (Euronext Brussels: UMI, Brussels Belgium), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market segmentation**

Silver Recovery from Spent Solar Panels market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Pyrolysis

Hydrometallurgy

Pyrometallurgy

#### Market segment by Implementation Scale

Centralized Large-scale Recycling

Mobile Recycling

#### Market segment by Application

Photovoltaic

Electronics Manufacturing

New Energy

Jewelry and Silverware

Other

#### Market segment by players, this report covers

Veolia Environnement (Euronext Paris: VIE, Aubervilliers France)

First Solar (NASDAQ: FSLR, Tempe, Arizona USA)

ROSI (Private, Grenoble France)

GCL System Integration Technology Co., Ltd. (SZSE: 002506, Jiangsu Province China)

Jinko Solar Co., Ltd. (NYSE: JKS, Jiangxi China)

Comstock (NYSE: LODE, VIRGINIA NEVADA)

Reiling Unternehmensgruppe (Rheda-Wiedenbrück Germany)

Envaris (Private, Berlin Germany)

Rinivasol (Private, Berlin Germany)

Umicore (Euronext Brussels: UMI, Brussels Belgium)

Hanwha Group (Korea Exchange: 009830, Seoul South Korea)

Yunnan Chihong (SSE: 600497, Yunnan China)

PV Industries (Private, Sydney Australia)

Reclaim PV Recycling (Private, ADELAIDE AUSTRALIA)

Solarecycle (Private, Johannesburg South Africa)

Dongjiang Environmental Co., Ltd. (HKEX: 00895, Guangdong China)

Chint New Energy Technology (Private, Zhejiang China)

CECEP Solar Energy Co., Ltd. (SZSE: 000591, Beijing China)

Zhengzhou Guanma Machinery Equipment Co., Ltd. (Private, Zhengzhou China)

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 13 chapters:**

Chapter 1, to describe Silver Recovery from Spent Solar Panels product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Silver Recovery from Spent Solar Panels, with revenue, gross margin, and global market share of Silver Recovery from Spent Solar Panels from 2021 to 2026.

Chapter 3, the Silver Recovery from Spent Solar Panels competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026. and Silver Recovery from Spent Solar Panels market forecast, by regions, by Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Silver Recovery from Spent Solar Panels.

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