

# Global PV Ribbon Competitive Landscape Professional Research Report 2025

<https://marketpublishers.com/r/PAC2FA2FF623EN.html>

Date: June 2025

Pages: 165

Price: US\$ 3,500.00 (Single User License)

ID: PAC2FA2FF623EN

## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global PV Ribbon market size will reach 1,078.90 Million USD in 2025 and is projected to reach 1,752.98 Million USD by 2032, with a CAGR of 7.18% (2025-2032). Notably, the China PV Ribbon market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

PV ribbon, also known as solar ribbon or tabbing ribbon, is a thin strip of conductive material used in the assembly of photovoltaic (PV) solar cells. Typically made of copper or aluminum, PV ribbon serves as the electrical interconnection between individual solar cells within a solar module. Its primary function is to collect and transmit the electrical current generated by the solar cells when exposed to sunlight. PV ribbon is engineered to have low electrical resistance, excellent conductivity, and durability to withstand environmental conditions. The ribbon is soldered onto the front and back contacts of solar cells, creating a series connection within the module. This interconnection is essential for efficiently channeling the electrical output from multiple solar cells, contributing to the overall performance and reliability of solar panels in converting sunlight into electrical energy.

The major global manufacturers of PV Ribbon include Ulbrich Precision Flat Wire, Hitachi Cable, YourBuddy, Sveck, E Sun New Material, Bruker-Spaleck, Kunming Sunlight Science and Technology, Baoding Yitong PV Science&Technology, Sanysolar, Jiangsu Sun Group, SHENMAO Technology, Alpha, E- WRE, Luvata, Torpedo, Creativ

RSL, LEONI, YIHE, Huaguangda technology, Qin Huangdao Donwoo Electronic, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of PV Ribbon. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global PV Ribbon market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the PV Ribbon market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of PV Ribbon industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of PV Ribbon Include:

Ulbrich Precision Flat Wire

Hitachi Cable

YourBuddy

Sveck

E Sun New Material

Bruker-Spaleck

Kunming Sunlight Science and Technology

Baoding Yitong PV Science&Technology

Sanysolar

Jiangsu Sun Group

SHENMAO Technology

Alpha

E- WRE

Luvata

Torpedo

Creativ RSL

LEONI

YIHE

Huanguangda technology

Qin Huangdao Donwoo Electronic

PV Ribbon Product Segment Include:

Connection

Bustar

PV Ribbon Product Application Include:

Solar Battery

Solar Modules To The Junction Box

Film Substrate

## **Chapter Scope**

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global PV Ribbon Capacity and Production Analysis

Chapter 3: Global PV Ribbon Industry PESTEL Analysis

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