

Collecting photovoltaic panel wooden pallets



Overview

The production solution for molded pallets by ThoYu uses recycled waste wood to manufacture special pallets for solar panels, helping photovoltaic enterprises achieve the dual goals of cost reduction, efficiency improvement, and low-carbon operation. Photovoltaic modules are of high value and have . panels are installed in the United States every year. CEDAR RAPIDS, Iowa - The first recyclable . The team at PVpallet has zeroed in on a huge problem: the solar industry typically ships solar panels on single-use wood pallets. These pallets are usually discarded in U. landfills, creating an estimated 60 million pounds of wood waste in 2020 alone. On a typical 10 MW project, installers spend \$25,000 .

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[Best Practices for Utility-Scale Solar Project Wood Crate Waste](#)

In addition to plastic, broken panels, metal, and cardboard, a very sizeable waste material on large-scale projects, are all the wood crates from PV panel shipments. The PV panel

Pallet Recycling Services

Free pallet recycling and removal services. Eco-friendly disposal of wooden and plastic pallets. We pick up and recycle pallets nationwide.



\$1.5B in Hidden Costs: Rethinking Solar's Packaging Problem

Wood pallets, crates, shrink wrap, and cardboard are baked into the cost of nearly every product, from solar modules and trackers to inverters and electrical components. And when those

PVpallet aims to replace wood pallets with reusable pallet

Cedar Rapids, IA: The first recyclable, reusable, adjustable and collapsible pallet system designed specifically for shipping and protecting solar PV modules is ready for testing with key clients.



PVpallet Offers New Approach to Solar Shipping



[Help crowdfund PVpallet's reusable, recyclable pallets, built for](#)

Enter the PVpallet, the solar industry's first reusable, recyclable, collapsible pallet for solar modules. The company launched a fundraising campaign today on the crowdfunding platform

With over 1.5 million single-use pallets used annually for solar shipments, PVpallets is looking to reduce solid waste and product damage. The first generation of reusable, recyclable shipping pallets for



[PVpallet Offers Up A Greener Solution For Transporting Modules](#)

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[ThoYu molded pallet production solution recycles waste wood into](#)

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Solving the Wood Waste problem in the Solar industry.

While solar panels are undoubtedly a green alternative to traditional methods of energy generation, solar panel supply chains can be detrimental to our environment and incur large spend to the bottom line.

PVpallet

Not only is the wood pallet not environmentally friendly, the solar industry continually faces module damage, struggles with optimizing warehouse space, and is challenged with the logistics of efficient



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