



# Tongwei Solar Photovoltaic Power Generation

What makes Tongwei unique?

Tongwei closely aligns with China's green development strategy deployment, organically integrates PV power generation with modern fisheries, and pioneered the "Fishery & PV Integration" development model where power generates on the top and fish swim on the bottom.

Could Tongwei solar become the world's first vertically-integrated solar module supplier?

Image: PV Tech. Following on from recent blogs exploring PV module pricing and the future of industry supply chains, Finlay Colville, head of market research at PV Tech, explores why - and how - Tongwei Solar could become the industry's first vertically-integrated, leading global module supplier by the middle of this decade.

Who is Tongwei solar?

This year, Tongwei will be the largest producer of polysilicon for the solar industry (with all existing and future capacity outside of the Xinjiang region) and the largest producer of solar cells. The company is now a circa. US\$10 billion turnover entity, with sales tripling in the past few years.

Is Tongwei a bankable PV module supplier?

By the end of this year, Tongwei will be in the top 10 for wafer capacity and the top 15 for module capacity, with further growth (upside) almost inevitable going into 2023. In PV Tech's latest PV Module Tech Bankability analysis, Tongwei is currently B-Rated, putting the company in the top 15 most bankable PV module suppliers today.

How much power does a Tongwei solar panel produce?

Tongwei is offering six versions of its monofacial monocrystalline panels, with power outputs ranging from 400 W to 430 W and power conversion efficiencies between 20.1% and 21.7%. TW Solar (Tongwei) has unveiled new shingled solar panels for rooftop applications.

What is Tongwei polysilicon & solar cell capacity?

Polysilicon and solar cell manufacturer Tongwei has a current polysilicon capacity of 180,000 MT and a solar cell capacity of 45 GW. The company plans to expand its polysilicon capacity to 230,000 MT by the end of 2022 and to 350,000 MT by the end of 2023.

TW (Tongwei) Solar entered the PV industry in 2006, initially specialising in polysilicon production before going on to establish itself as a world-leading manufacturer, currently creating waves ...

Tongwei entered the market of photovoltaics (PV) in 2006. After more than ten years of rapid development, Tongwei has become an integrated PV enterprise with high-purity polysilicon production in upstream and



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high-efficiency solar cell ...



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