



# Photovoltaic quartz board enterprise

Who is Pacific quartz?

Pacific Quartz is ranked in the industry forefront at the marketing and technology of quartz materials used for photovoltaic, semiconductor, optical fiber, lighting, optics and other industries.

What is a photovoltaic Crucible?

Photovoltaic (PV) cells form the building blocks of solar panels and rely on high purity quartz in their production. Our quartz is used primarily for the manufacture of fused quartz crucibles. Monocrystalline ingots are grown in quartz crucibles with the Czochralski method.

Is Pacific quartz a sustainable company?

We are committed to sustainable development. Pacific Quartz takes R&D and innovation as the driven force for development, and has a CNAS testing center and a national postdoctoral research workstation recognized by the National Laboratory Accreditation Committee.

What certifications does Pacific quartz have?

Our Certificate We believe in the sustainable development and obtain the certificates of ISO 9001, ISO14001 and OHSAS18001. Pacific Quartz, gathering the industry talents, is leading at R&D capability and cutting-edge technology innovation for new and high-end products.

Where are IOTA quartz products made?

Products in our IOTA quartz range are mined from two uniquely pure ore bodies at Spruce Pine, North Carolina, USA. Situated in the heart of the Appalachian Mountains, Spruce Pine is home to the world's highest quality quartz and has been mined for more than a century. IOTA is used in a range of high-tech applications, including:

Why is quartz glass important in semiconductor production?

Quartz glass plays a crucial role as the important consumables in semiconductor production. Pacific Quartz provides you a great variety of semiconductor quartz material solutions by developing multiple-use materials with premium quality, accurate customization, and high purity.

Among them, the global photovoltaic quartz crucible market demand in 2023 is 1.063 million, a year-on-year increase of 28.80%, corresponding to the market demand for high-purity quartz sand of 106,000 tons, a year-on-year increase ...

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