

The photovoltaic leader in the Science and Technology Innovation Board

What is State Key Laboratory of Photovoltaic Science & Technology?

The "State Key Laboratory of Photovoltaic Science and Technology" established at Trina Solar, is one of the first national key PV laboratories in China that was recognized by Ministry of Science and Technology.

What is the market for solar photovoltaics (PV)?

The market for solar photovoltaics (PV) is growing rapidly. In the past decade, solar PV generation has expanded by 50% per year worldwide. In 2012, solar PV generation reached almost 100 TWh, which is sufficient to cover the annual power supply needs of over 30 million European households.

Why is the PV innovation system complete in China?

With the rapid rise of the Chinese PV manufacturing sector, it is the domestic market for PV that is the missing link which makes the PV innovation system complete. The small size of the domestic market is mainly due to the weak lobby network around PV, which is believed to be a common institutional problem in China.

Who won the best distributed photovoltaic brands in China?

Trina Smart Distributed Energy won the "Top Ten Distributed Photovoltaic Brands in China" and "2021 Influential BIPV Solution Enterprise". Trina Smart Distributed Energy won the "2021 Outstanding Photovoltaic Enterprise Award". Awarded by Bloomberg New Energy Finance. Private Enterprises.

Who started LDK Solar?

For example, the newly-established PV company LDK Solar was founded as a result of strong support from local government. In 1997, the initiator of LDK Solar, Xiaofeng Peng, started Suzhou Liouxin to manufacture personal protective equipment products such as gloves.

How has PV technology changed the world?

PV production lines have been optimized, for example by developments in intelligent and self-correcting control of process flow, and this has increased throughput volume. Furthermore, the efficiency of solar cells and modules has increased, resulting in higher returns on investments.

4 helped to make California a viable market for photovoltaics technologies, providing a nurturing environment for fledgling solar companies. 3.1 Los Angeles: The Original Solar Cluster Shortly ...

Specifically, there are 32 enterprises in the new-generation information technology industry, 21 in the biomedicine industry, 17 in the high-end equipment industry, and 10 in the new materials ...

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Q1: Since accepting the first batch of applications for listing on the Sci-tech Innovation Board on March 22, the Shanghai Stock Exchange (SSE) has stepped up the review for the issuance ...

On the morning of June 10, Trina Solar Co., Ltd. became the first Chinese PV product, PV system and smart energy company to trade on the Shanghai Stock Exchange Science and ...

The stakes have never been higher for Science, Technology, and Innovation (STI) policies to address shared challenges and new opportunities. In response, the critical role of businesses ...

The global demand for photovoltaics (PVs), or solar cells, increased by 53 percent per annum during 2000 to 2010. Japanese PV manufacturers, which had been the leading force of the ...

The Sci-Tech Innovation Board is not only a board to display science and technology enterprises, but also a board for promoting the development of the science and technology innovation ...

Moreover, the study has shown that city-level demand-, supply-, and environment-side policies play an important role in the technology innovation of urban solar photovoltaic industry (Che et ...

Second, high-growth enterprises keep emerging. National new- and high-tech development zones have attracted over one-third of domestic sci-tech SMEs, one-third of domestic new- and high-tech enterprises, and two ...

Trina Solar is home to a State Key Laboratory of PV Science and Technology, accredited by the Chinese Ministry of Science and Technology, and, backed by this state-level research platform the...

Message from Leadership Dear stakeholders: The year 2021 was extraordinary. The "black swan" of ... As a "State Key Laboratory of PV Science and Technology", Trina Solar has outstanding ...

