

Nanotechnology Third-Generation Flexible Solar Cells

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Outing picnic, patting photos, video, mobile phones will have no electricity, how do? Then backpack on the [solar powered portable generator](#) cell to play a role, with the data cable to connect the battery and mobile phone, you can charge, no longer have to worry about the phone power out. The invention of this technology thanks to Xiuzhou Yangtze River Delta Institute of Nano-Dr. Zou Wenjun team.



“What we’re looking at is a third-generation flexible solar cell that has the advantage of being able to coat the surface of glass, plastic, and other transparent substrates directly by printing directly onto the surface of the solar powered portable generator cell, , In a more moderate, green way to get energy from the natural. “Nano-Institute of Engineers Dr. Zou Wenjun said that in

September 2013 from Beijing to Jiaxing, he has settled in Jiaxing. The reason why the choice of Jiaxing city, is to see Jiaxing's geographical advantages, the continuous development of the flourishing new materials market, as well as government support for emerging industries and determination, "Xiuzhou R & D atmosphere and innovation platform is very good Engage in research and development. We are here R & D, finished in Beijing. "Zou Wenjun said.

At present, the research institutions of nanotechnology research are flourishing like a star. The Yangtze River Delta (Jiaxing) Nanotechnology Industry Development Research Institute is jointly built by National Nanoscience Center and Jiaxing Municipal People's Government and Xiuzhou District People's Government. It is located in Xiuzhou Industrial Park North Branch Construction Innovation Park. Since its inception, Nano Research Institute has always adhered to the "Jiaxing-based, radiation Yangtze River Delta, serving the country" concept of development, and Jiaxing City and the Yangtze River Delta region industry leading enterprises, industry alliances, trade associations to cooperate extensively to help enterprises solve industrial development And technology upgrades in materials, processes, testing, assembly and other aspects of the bottleneck. "We are based in Xiuzhou District, the target radiation of the Yangtze River Delta." Zou Wenjun said.

Nanotechnology Research Institute to national nanoscience center and other related research institutions at home and abroad the results of nano-technology projects, and the Yangtze River Delta region strong industrial clusters, active social capital docking platform and window positioning, relying on the National Nanoscience Center strong technical team And its integration of domestic and foreign experts in nano-resources, and promote the development of nano-industry.

"Through the unremitting efforts of researchers in the near future, organic [solar power generator](#) cells will be widely used in our daily life. For example, solar glass curtain wall, self-luminous home decorations, solar tents, and digital terminal products can be charged solar Backpack, etc. "Zou Wenjun said that in the next 10 to 15 years, the Nano Institute will form a good nanotechnology industrial ecosystem and a good gathering effect, to absorb the global nanotechnology field of" politics, industry, science, Research, gold "and other resources together. Attracting global nanotechnology industrialization projects and talents to settle down, and strive to form a large-scale nanotechnology industry team to promote the industrialization of nano-technology transfer, to create nano-technology industrialization demonstration base.

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