

## A stylish way to take advantage of free resources

Going Green offers a fresh perspective on the environmental challenges that cities face, along with the opportunities and barriers to going green and fostering economic growth. With the use of natural resources and technology, Taiwan is constantly creating new products or upgrading existing ones, all in an effort to further the call for environmental protection.

One such product is the “Amorphous Silicon Thin-film”, which is a solar panel like no other. Created with the ability to be installed just about anywhere one can think of, this new innovation is bound to encourage anyone to go green.

Introduced by NexPower Technology Corporation in Taichung City, Taiwan, their multifunctional building integrated photovoltaic (BIPV) solutions allow for the entry of natural light, provide thermal insulation, filter out harmful radiation, and produce clean, free energy thanks to the power from the sun. Their products also feature various innovative and customized designs which can be integrated into buildings.

The product could be placed on the ground, on rooftops, on the outside of buildings or even replace the windows in cars. Although lighter, they generate more energy from the sun efficiently and can withstand most natural disasters, including typhoons.

Another thing that sets this product above the rest is its ability to draw more energy than regular solar panels. The so called micromorph thin film module’s high absorption capability allows for it to draw maximum energy even in weak sunlight, perfect for offgrid markets and in warm regions.

The products also enjoy advantages with their aesthetical appearance and installation experiences with the ability to embed photos, drawings, paintings, and even LED lights placed on the inside for a more fashionable look on the outside.

As to the quality, according to the 2012 outdoor field test result from the Photon Magazine, NexPower modules were ranked as the best thin film modules with the highest annual output among all the tested samples.

NexPower is currently one of the world’s top 4 thin film producers. They continuously cooperate with several partners from the industry in terms of the

adaptation of size and thickness of the photovoltaic solutions to meet the requirements of each project and customer's need.

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