

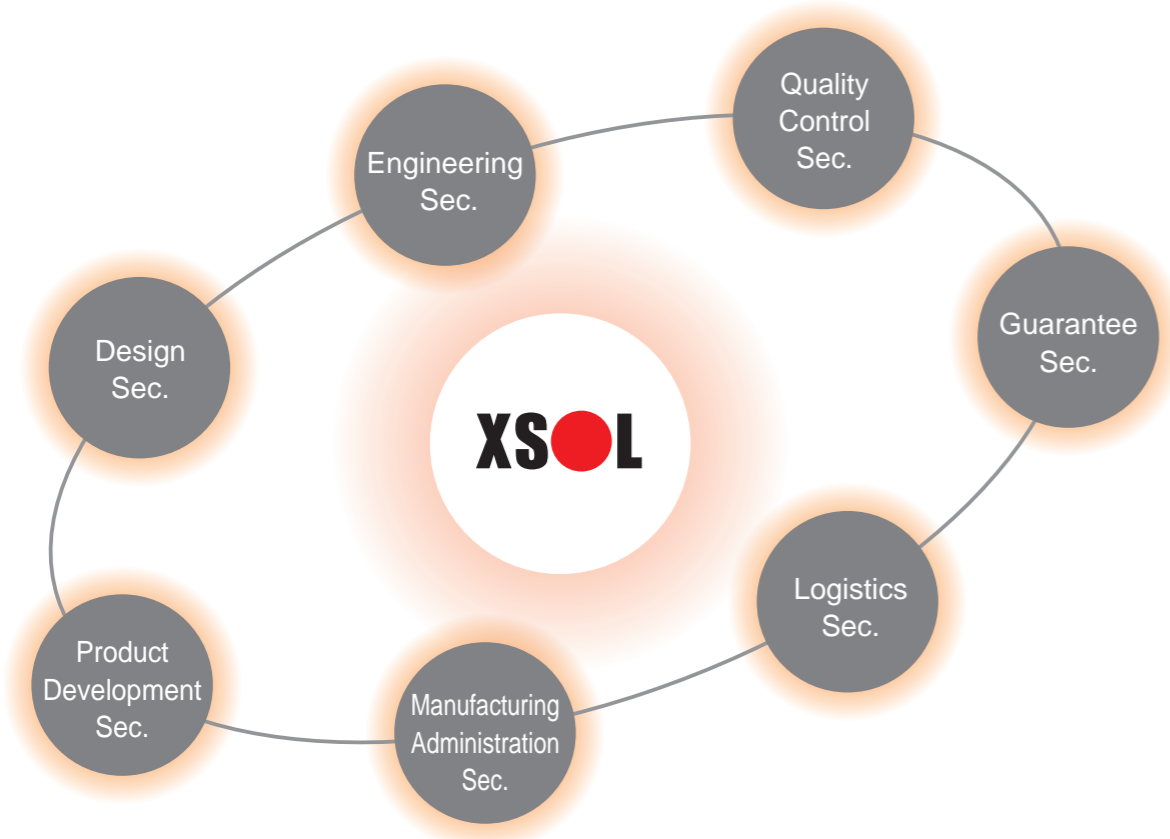
manufacturer

Product Development Leading the Solar Photovoltaic Power Generation Market

XSOL is expanding the use of solar photovoltaic power generation systems more widely throughout society, while planning and manufacturing products to enrich people's lives as an industry innovator.

Our working processes encompass a total framework, from the manufacture of components to distribution and construction and installation, developing mega solar power plants with minimal construction time and cost, along with new installation techniques.

As we strive to answer an increasingly diverse array of needs and be leaders in the ever-changing energy industry, we will continue to create new values.



Emphasizing a Spirit of Quality First

I am responsible for evaluating system guarantee applications and issuing certificates. In order to ensure that the products purchased from XSOL can be used longer with peace of mind, I always approach evaluation with great seriousness. I also conduct product durability testing, and when I obtain favorable results, it is extremely rewarding. I will continue to strive for even greater quality improvements, so that more people will recognize the high added value that is a distinguishing feature of XSOL products.

Naomi Suzuki
Chief, Guarantee Sec., Product Administration Div., Product Dept.



Mega Solar and Solar Photovoltaic Power Plants



XSOL RACK™

Installation of solar photovoltaic power generation systems in large sites, such as mega solar power plants, is time consuming and costly. XSOL has developed a solar photovoltaic power generation system that gives due consideration to lowering costs by adopting a one-touch module that minimizes assembly processes. This enables XSOL to achieve high profitability, as well as make effective use of up to approximately 1.7 times the site area, compared with the conventional mega solar power plant construction.



This one-touch module is a system that improves ease of installation by allowing wiring work to be performed at the same time as installation since the rack-module joint component also serves as a connector. The cables joining the junction box and connectors are connected without slackening, preserving an elegant appearance.



General One-touch module

Products for Industrial and Public Use

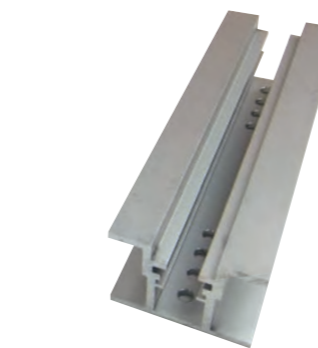


XSOL 50

It is difficult to secure large sites for solar photovoltaic power generation systems in Japan compared with countries overseas. Therefore, to support small-scale solar photovoltaic power generation, XSOL has proposed a solar photovoltaic power generation system combining solar modules, frames, inverter, and other system elements into a single package. The package comes standard with 10-year insurance protection against natural disasters and a 10-year guarantee plan for devices, which provides peace of mind.



Systems with an output of less than 50 kW can be installed within the range of the same low-voltage connections as residential equipment. This allows customers to hold down equipment and other costs, and launch solar power businesses sooner, compared with large-scale solar photovoltaic power generation facilities.



Adhesive Agent Method XSOL 接着剤工法

Solar cell modules installation on factory and warehouse rooftops presents the issue of concerns about rain leakages from roofs. XSOL has developed, in collaboration with CEMEDINE CO., LTD., an adhesive optimal for layered folded-plate roofs. XSOL is capable of developing products that transcend industry lines. XSOL develops products to meet a wide range of needs, such as brackets that need no more than pointed bolts.



The adhesive agent method is an installation method that does not use screws when installing solar cell modules. There is no risk of rain leakages from roofs because no holes are opened in the rooftop. Customers can also expect higher installation work efficiency and shorter installation times.



Before After

Stand-Alone Power Supplies

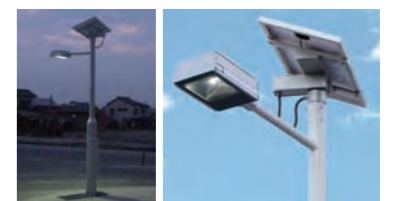


SUNCATCH™

Stand-alone power supplies that combine solar photovoltaic power generation systems with storage batteries are attracting attention from a crisis management perspective. XSOL applies lessons learned in disaster situations. In order to quickly ensure electrical power in an emergency, we provide stand-alone power supply solar power generation systems that are not affected by power outages.



These stand-alone solar power supplies are systems that store electricity generated by solar cell modules during the daytime hours in a battery, without drawing power from a commercial power grid connection. The electricity stored in the battery can then be used as necessary.



* Product information is subject to change without prior notice due to ongoing product development, product improvements and other such factors.