



PROJECT OVERVIEW

Location: Rotterdam, the Netherlands.

Completed: January 2019

Owners: Shell

Project Designer and Developer:
Biosar Energy (UK) Limited

System Size: 26.6 MW

Number of Panels: 76,000

Product: STP 350S-24/VFH

Energy Saved: 230000000KWh annually

BENEFITS

- Suntech's high-power solar modules provide up to 27 megawatts of peak capacity for shell's Moerdijk Solar Park, equivalent to the energy consumption by 9,000 Dutch households.
- It is reported that all the solar modules in the Solar Park have performed excellently in circuit optimization and internal loss reduction,

"As a leading brand in renewable energy, Suntech was chosen by Shell (SNE) and Biosar Energy (UK) Limited, both industry leaders in their fields. Guided by the "customer-centric" management philosophy, Suntech has adopted the refined management to better serve its customers."

Shell Moerdijk Solar project • Suntech 27 MW PV power plant is powered on

Moerdijk is one of the largest petrochemical production sites in Europe, and Moerdijk Solar Park is one of the largest solar parks in the Netherlands. The Modules in the park were installed by one of the leading solar EPC contractor Biosar Energy (UK) Limited, member of AKTOR Group. With over 12 years of successful cooperation with Suntech, Biosar has engineered, procured, constructed and operated GW's of PV power plants, including some of the industry's benchmarks such as the one in Moerdijk. Moerdijk Solar PV Park has been designed with 76,000 high efficiency, polycrystalline, half-cell solar modules delivered by Suntech. Suntech's leading technology solar modules arrived at the Port of Rotterdam last September and are now generating approximately 27 megawatts of peak capacity for Shell's Moerdijk Solar Park, equivalent to the energy consumption by 9,000 Dutch households.



Suntech PolyCrystalline Module's Excellent Performance

It is reported that all the solar modules in the Solar Park have performed excellently in circuit optimization and internal loss reduction, which is attributed to the constant pursuit of excellent quality by the company that demands all manufactured modules must undergo multiple strict tests to



A new symphony in our commercial, Solar Civilization and an energy transition that shifts its focus to a sustainable living environment is proven by cooperations, such as the one in Shell's Moerdijk's PV power plant. From its leading position in the global energy industry, Shell actively promotes the energy transformation and sets examples on how traditional energy companies could promote solar energy to tackle the issue of carbon dioxide in industrial production.

ensure the on-site steady and safe performance.

Legacy, tradition and innovation: The Symphony of Energy

Suntech is the first solar module photovoltaic brand that has been selected by Biosar and Shell as trustworthy supplier. We are confident that the seamless cooperation between Shells, Biosar and Suntech has set the ground for further achievements. In Moerdijk, traditional energy and new energy worked together as if a symphony of energy was played. The legacy could continue through further growth and innovation.