Oerlikon Solar Power

Oerlikon is the largest producer of thin-film silicon equipment in end-to-end lines and one of the world"s most successful hi-tech industrial groups, special...

Oerlikon batteries provide high performance and reliable power solutions for critical backup and industrial applications.Discover now!

Oerlikon Solar"s KAI 1200 production system, showing a robot unloading the coated glasses.

OverviewMarket segmentGrid parityEnd-to-end manufacturing linesForm factorMicromorph module technologyEnd-to-end module factorySee alsoTEL Solar, formerly Oerlikon Solar, is a manufacturer of production equipment for the manufacturing of thin-film silicon cells, headquartered in Trübbach, Switzerland, near the border to Liechtenstein. The Japanese electronics and semiconductor company Tokyo Electron acquired the company of about 650 employees from OC Oerlikon in November 2012. TEL Solar owns the patent for the double junction thin film silicon technology from 1993. Micromorph is ...

Oerlikon Solar is a manufacturer of thin-film silicon solar modules. Oerlikon Solar has 12 factories in production in seven countries, almost 3 million modules produced and 450 MW of installed capacity ...

The world"s largest producers of power generation equipment build on Oerlikon advanced materials, functional coatings or process technologies to improve performance and cut the environmental ...

To access additional data, including an interactive map of global solar farms, a downloadable dataset, and summary data, please visit the Global Solar Power Tracker on the Global ...

Oerlikon Solar is a leading provider of thin film solar module production lines and technologies.

Oerlikon Solar"s micromorph process boosts solar cell efficiency by adding a second microcrystalline absorber to the amorphous silicon (a-Si) layer. The layer converts the energy of the ...

This paper presents the progress made in the implementation of molecular fluorine (F2) as the cleaning gas on the Oerlikon Solar KAI platform.

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