

2008 Deep Research Report on Global and China Thin Film Solar Cell Industry

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Summary:

2004 German Government Subsidy on Solar industry brought great increased of global solar energy industry, Strong demand of solar energy lead solar grade polysilicon shortage and very high profit margin of global polysilicon manufacturers. While year 2007, great success of US First Solar brought a new era of Thin Film solar cell. 1.3\$/wp low cost, 11% middle high efficiency, EU and US large and long term contracts, large-scale manufacturing without raw materials shortage....all these factors help First Solar achieved high profit margin, greatly increasing revenue and high-reliable income expectation. This also meant year 2007 and the coming years will be the goldtime for thin film solar. During the passing 2007, thin film is the hottest field in solar industry. A lot of new projects hold foundation or put into production, equipments vendors owned a lot of new equipment orders even though they have more than 1 year contracts with full production capacity. Beside US First Solar, Japan Sharp also started their large capacity thin film plan, German Q-CELL Schott Solar etc also invested a lot on thin film solar cell, Taiwan published more than 10 thin film project almost in one day, China Suntech increased their thin film investment before their commercial production, Shenzhen Topray Solar went public successfully, Hebei Xiniao Group invested about 14billion RMB on thin film business etc news all showed thin film was welcomed by more and more capital and attention, thin film low cost and more energy help reducing solar power cost compare with crystal silicon solar energy though C-Si PV will be the key product in the near future. But for long time seeing, thin film likely can be the hero on reducing solar power cost or even less than traditional fire power.

?2008 Deep Research Report on Global and China Thin Film Solar Cell Industry? was published by QYResearch Solar Energy Research Center in Feb 2008. It a professional and depth research report on global and China thin film solar cell industry chain. In the report, the following information will be included:

Global or China thin film (CdTe CIS/CIGS a-Si(Single Tandam or triple junction) amorphous/microcrystalline[a-Si/?c-Si] double junction) etc) Manufacturing Process and related technology information;

2005-2013 Global and China thin film solar cell Manufacturers capacity, production and expansions

Market share by manufacturers by regions by technology (CdTe CIS/CIGS a-Si a-Si/?c-Si etc);

Global and China Building or Planning thin film new projects and related information about these new comers;

2005-2013 global and China thin film solar cell supply demand and shortage
Global and China thin film solar cell (module) Cost Price Value and Profit Margin
USA EU Japan China Taiwan etc regional thin film production and market share
CdTe CIS/CIGS a-Si(Single Tandam or triple junction) amorphous/microcrystalline[a-Si/?c-Si] double
junction) manufacturing process and their productions and market share
12 items (such as revenue production technology shareholders customer contacts etc) of each manufacturer
(more than 70 thin film manufacturers)
Thin film solar cell or module efficiency of all manufacturers in the world and China
Thin film solar cell industry development trend (2008-2013) and related conclusions
.....

In a word, it was a deep research report on global and china thin film solar energy industry chain. And
thanks to the global and China thin film marketing or technology experts support during QYResearch thin
film research team survey and interviews.

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