

First Solar module technology - high yields all year long

Solar modules manufactured with FS thin-film module technology don't depend on silicon and are not vulnerable to supply shortages and price increases of this raw material. It is obvious that silicon-free modules will become more and more important for solar power generation.

All the features and advantages of FS solar modules at a glance:

- Low energy and material consumption during production makes the manufacturing of FS solar modules more cost-effective than that of conventional silicon solar modules.
- Constant output over a very wide temperature range. The greatly reduced temperature-sensitivity of FS solar module make the ideal for use in hot climate regions and delivers superior yield.
- High effectiveness in less-than-ideal light conditions. Cloudy skies will still generate a higher effectiveness than with conventional silicon-based solar modules.
- Frameless design reduces dirt build-up. As opposed to FS module, framed modules often suffer from loss of effectiveness due to accumulated dirt, necessitating frequent cleaning.