

## THIN FILM SOLAR LINE



SolarLine

### Our SolarLine Turnkey lines for Thin-film PV module manufacturing

**Energo Solar's** Solarline turn-key amorphous silicon (aSi) module production factory has 6 MWp annual production capacity that can be expanded in 6 MWp increments.

#### We offer :

- Production equipment (complete lines and extensions)
- Production processes, operations, and maintenance know-how
- Service and spare parts
- Technological upgrades
- Construction project service to construct the entire factory

Our manufacturing process based on the amorphous silicon (aSi) technology is very price competitive and offers all the benefits of thin-film production:

- Production cost of under € 1 / W
- Very small amount of material used (the active silicon layer is more than 100x thinner than in comparable crystalline silicon modules)
- Small amount of energy used
- No need for high purity clean rooms
- Simple manufacturing process, requiring shorter training
- Integrated, fully controlled operation
- Higher power output (Wh/Wp) under real-life conditions
- Independence from material shortages (the raw-materials are widely available)

