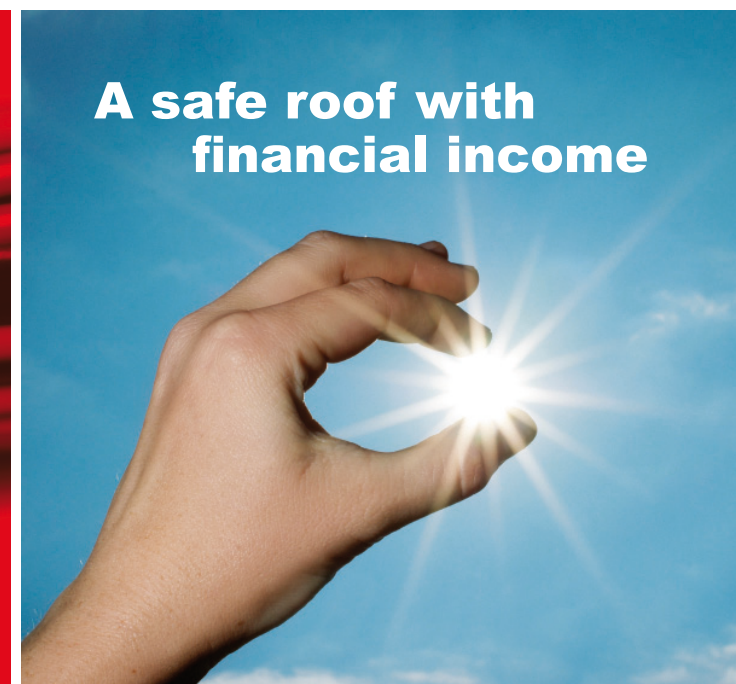


The Eulektra solar reverter heats up the solar modules, so that ice and snow melt.



**A safe roof with  
financial income**

**Ingeniously simple, simply ingenious:**

**Eulektra turns a photovoltaic  
system into roof heating**

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We let the power flow.

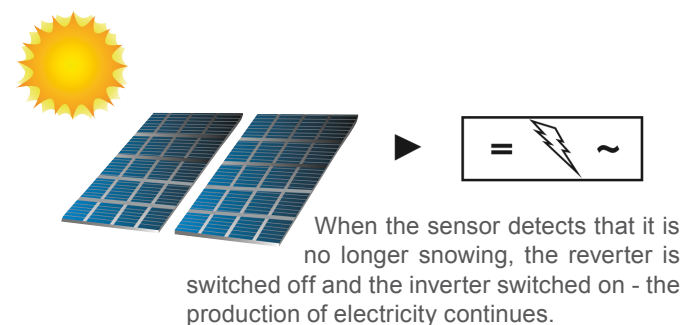
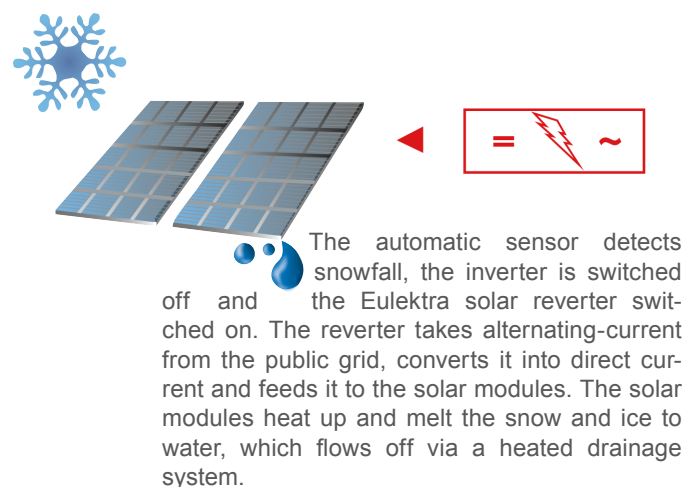
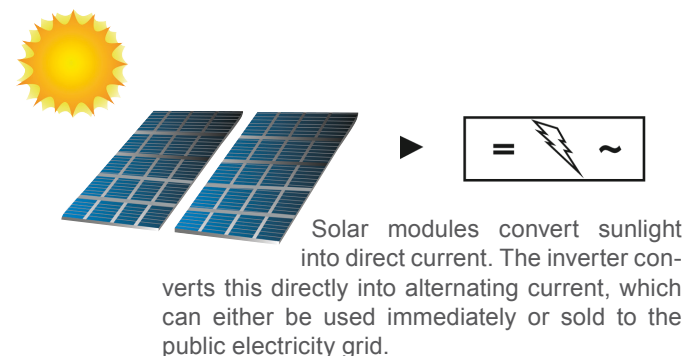
## Hain system

The Eulektra Hain system is an all-round solution which protects hall roofs against snow loads – which is not only environmentally friendly, but also provides you with financial income. The system consists of a photovoltaic system, several measurement sensors, drainage channels and a very light module elevation system which can be installed without damaging the roof cladding.

At the heart of the system is the Eulektra solar reverter, an electric switching device which practically reverses the function of the inverter of a photovoltaic system: when snow falls the solar modules and drainage channels are heated, so that the snow melts and can run off as meltwater.

During the day, when it is not snowing, the solar modules produce environmentally friendly electricity, which can either be used by the building itself or fed into the public electricity grid and is remunerated according to the tariffs of the German Renewable Energy Law (EEG).

## How the Hain system works



## Benefits at a Glance

- ✓ **Roofs cleared of snow by solar modules**
- ✓ **Protecting roofs against snow loads solves structural problem**
- ✓ **Yield from environmentally friendly electricity production refinances the investment**
- ✓ **Retrofitting of existing systems is possible**
- ✓ **Extensive (possibly full) third-party financing can be obtained**
- ✓ **Safe and weight-reduced elevation using the Eulektra Kara system**