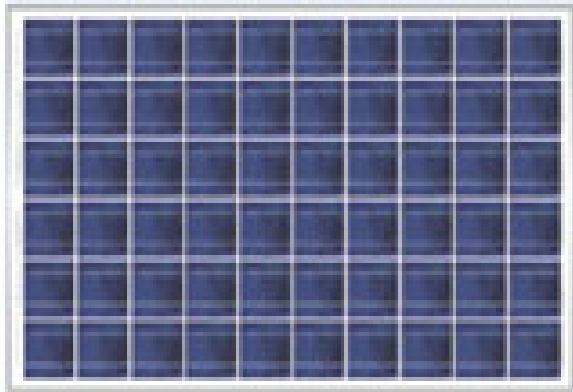


Solar module



A solar module is an application of the Photovoltaic and changes radiant energy into electrical energy. As most important construction elements it contains several solar cells.

As an autonomous power supply, almost exclusively become Photovoltaic used. Availability sufficing around one also in bad weather periods guarantees for the average normal rating of the sensors approx. 1 W and a battery capacity of about 230 Ah. The Photovoltaic consists of the following

components:

Charge regulator



One, charge regulators more electronically supervises the voltage curve at the accumulator during the Charge.

A buffer battery feeds an electrical device while the power supply by the main energy is available with the required performance. It is therefore a substitute source for the continuous operation measuring station.