

The invention relates to the field of power engineering, namely to the conversion of solar energy into electric energy for power supply of systems with dimensional restrictions.

The folding solar panel includes a carcass, consisting of sections (1), on which there are mounted photovoltaic cells (2). The carcass sections (1) are made in the form of disk sectors, joined between them by means of an axis (3) placed in the center of the curvature radius of the disk sectors with the possibility of folding thereof one over another, and of guides (4) placed on the cylindrical surface of each disk sector. The flanges (5 and 6) of the carcass sections (1) are articulated between them by means of elements (7) made of materials with shape memory, which in active state form the carcass circle.

Claims: 1

Fig.: 5

