ABSTRACT

PHOTOVOLTAIC MODULE AND METHOD FOR FOLDING THE SAME

The embodiments of the present application relate to the technical field of solar cells, in particular to a photovoltaic module and a method for folding a photovoltaic module, and the photovoltaic module includes multiple cell sheets arranged in an array, where each of the multiple rows of cell sheets is arranged at intervals along a first direction, each of the multiple columns of cell sheets is arranged at intervals along a second direction, and each of the multiple cell sheets has a first surface and a second surface. The photovoltaic module further includes a first flexible cover layer located on a side of the first surface of each of the multiple cell sheets, and a second flexible cover layer located on a side of the second surface of each of the multiple cell sheets. The photovoltaic module is configured to be folded along a gap between two adjacent rows in the multiple rows of cell sheets or along a gap between two adjacent columns in the multiple rows of cell sheets with the folding angle of 0 degree to 180 degrees between two adjacent columns of cell sheet. The embodiments of the present application are beneficial for improving the folding performance of the photovoltaic module.

(FIG. 1)